Illinois Lock Company

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CABINET LOCKS

VENDING LOCKS

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MARINE LOCKS

INDEX

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SERVICE INSTRUCTIONS

"ILLINOIS" SINGLE-BITTED KEY LOCKS

1. Types of Mechanism. The "G" type mechanism (illustrated in figure 1) with the No. 260 key employs five tumblers and cannot be masterkeyed. It is suitable for limited security requirements and when the amount of use is limited. This mechanism is used in all 3000-series locks, and is particularly suitable for light uses indoors, requiring limited security and quickly available key service.

The "F" type mechanism (illustrated in figure 2) also has five tumblers but is designed to provide accurate key positioning necessary for successful masterkeying of flat-tumbler locks, and for use in situations demanding long-wearing qualities as needed in builders' hardware locks. This is accomplished by the use of spring-tempered brass key guide inserts. The No. 360 key is used, and also provides quickly available key service. All locks of the 7000-series employ this mechanism.

- 2. Principles of Operation. Both the "G" type mechanism (No. 260 key) and the "F" type mechanism (No. 360 key) have tumblers which are forced against the serrature of the key by independent springs. They are arranged so that when the tumbler and key depth numbers are matched in each tumbler position with the key inserted, the tumbler ends are in alignment with the plug periphery. When the key is withdrawn the tumblers are forced by the springs out of alignment and into a splined recess provided in the barrel or stationary member of the locking cylinder, thus preventing the turning of the plug assembly without the use of the proper key.
- 3. Installation and Removal of Plug Assemblies. Standard 3000-and 7000-series cabinet locks, using either the "G" type (No. 260 key) or "F" type (No. 360 key) mechanism, are usually made with a "retainer tumbler" (No. 3060--illustrated), and a hole is provided in the cylinder barrel for the insertion of a wire or suitable tool providing means for forcing the retainer tumbler out of the cylinder barrel recess, and allowing the plug

assembly to be easily removed for service or replacement. Assembly of the plug assembly into the cylinder barrel is easily accomplished by compressing the retainer tumbler and pushing the plug assembly into the cylinder barrel until the retainer tumbler automatically springs into the barrel recess.

Changing Combinations. Type "G". This mechanism (No. 260 key) requires four different kinds of tumblers (as illustrated), one for each of the four depths provided on the key. Example for Setting-Up a Combination: The combination number (depth numbers) of the illustrated No. 260 key is 42312 (number starts from point of the key). The corresponding tumbler numbers for this key are 3059Q (depth No. 4), 3059F (depth No. 2), 3059L (depth No. 3), 3059A (depth No. 1), and 3059F (depth No. 2). See Parts List Kit No. X12.

Assembly of Tumblers for Keying Alike, Changing Combinations, Masterkeying, Type "F". This mechanism (No. 360 key) requires four different kinds of tumblers, one for each of the four depths (Nos. 3059A, 3059F, 3059L, 3059Q,) for non-masterkeyed combinations. For masterkeyed combinations eight tumblers (illustrated) are needed to provide all combinations. Example for Setting-Up a Combination: The combination number (depth numbers) of the illustrated primary key is 42312 (number starts from point of the key). Assume that the master combination number (depth numbers) is 42424. The corresponding tumbler depth numbers to fit the mechanism assembled to fit the example keys are then 4-4, 2-2, 3-4, 1-2, 2-4, or tumbler numbers 3059Q, 3059F, 3059M, 3059B, 3059H. All type "F" mechanisms have number 3052 guides between the tumblers. See Parts List--Kit No. X12.

Some plug assemblies have the tumblers held in place by staking the metal above the spring hole. Disassembly can easily be accomplished by lightly tapping the tumbler to be removed on the end opposite the spring hole openings. This staking is to prevent disassembly of the tumblers when handling plug assembly prior to assembly into lock

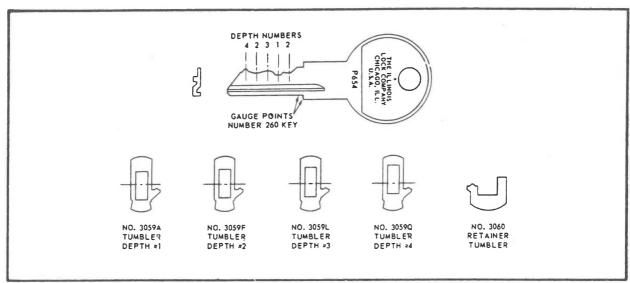


Fig. 1

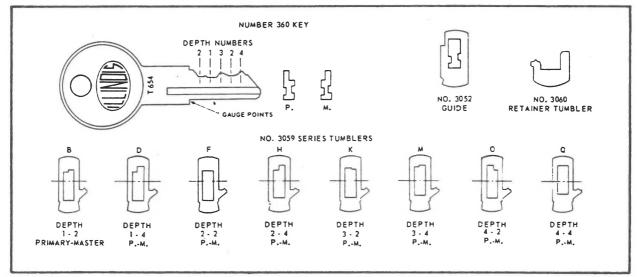


Fig. 2

barrel, and has no other functional purpose.

- 5. Key Duplicating. Duplication of ILLINOIS SINGLE-BITTED keys is accomplished by the same generally accepted procedure as that used for all pin-and disc-tumbler lock keys, and can be easily accomplished with any make of standard duplicating machine, by following instructions furnished with the machine.
- 6. Making Single-Bitted Illinois Keys from Code. Determine the combination "depth numbers" to be made by reference to the KEY CODES in this manual. The combination number (example 42312 illustrated figures 1 and 2) starts from the end of the

key. To make this key, place the No. 260 or 360 key blank in the duplicating machine, gauging from the shoulder and straight back of the key as per the machine instructions. Place "depth key" number 4 (See Parts List--Kit No. X14) in the cut key position in machine, taking care to see that the gauging is accurate. Cut number 4 depth on the blank to the wiath on the depth key-Then replace with number 2 depth key and cut number 2 depth on the blank in the second position from the key point, and cut to the same width as that on the depth key. Continue the same process with depth numbers 3-1-2 depth keys to complete all depth cuts. Join the depth cuts, taking care to maintain the full depth cut surface.

"ILLINOIS" DOUBLE - BITTED KEY LOCKS

anism (illustrated figure 3) uses No. 110, 210, and 210M keys, and is constructed entirely of brass. Eight tumblers arranged in sets of two are used together with three brass key guides to provide accurate key positioning and long wear. This mechanism is used with all 1000-series locks, and is particularly suitable for outdoor hard use, with good security, and key service practically restricted to locksmiths.

The "D" type mechanism (illustrated figure 3) uses No. 110, 210, 220, 210M, and 310 keys, and has a non-ferrous alloy diecast plug body and key guides. Eight tumblers arranged in sets of two are used. This mechanism is used with all 5000-series locks, and is particularly suitable for indoor or outdoor light use with low cost, good security, and key service practically restricted to locksmiths.

The "E" mechanism uses No. 105 and 4. 115 keys, and has a non-ferrous alloy diecast plug body and key guides. Fight tumblers arranged in sets of two are used. This mechanism is used with all 4000-series locks, and is particularly suitable for outdoor light use with limited security, and key service practically restricted to locksmiths. Particularly suitable for screw-style locks for vending machines with good security.

2. Principles of Operation. The "C" "D" and "E" type mechanisms have tumblers arranged in pairs, one pair for each depth position on the key. The keys have coordinated cuts (serratures) on two sides. The key passes through a suitably placed hole in the tumblers with a working clearance only, thus providing positively operated tumblers which are mechanically positioned without the aid of springs. Each pair of tumblers for types "C" and "D" have one spring to throw the tumblers in opposing directions and into opposing splined recesses in the barrel of the lock cylinder when the key is withdrawn. The type "E" tumblers are arranged to spring in one direction only. Insertion of the proper key aligns the tumblers with the periphery of the plug, thus allowing the key and plug assembly to be turned.

- 1. Types of Mechanism. The "C" type mech- 3. Installation and Removal of Plug Assemblies. Many of the standard cabinet locks (series 1000, 2000, 5000, 6000) are made with an oval-shaped spring wire ring to hold the plug assembly into the cylinder barrel. Although this construction is not designed for disassembly, the plug assembly can be removed from the cylinder barrel. Provide a block (preferably of wood, to prevent marring) with a hole approximately 11/16" in diameter; place the face of the lock cylinder on the block and over the hole. Strike the back end of the plug assembly with a sharp blow and the plug assembly will be ejected from the barrel. Some marring of the barrel finish will result, however, the burr can be tapped back into place with little damage to the finish. Re-assembly will be obvious, but it is suggested that a new ring be used (assembly rings furnished with Kit No. X13).
 - Assembly of Tumblers (Type "C" "D" and "E") for Keying Alike, Changing Combination, Not Masterkeyed. The tumblers for the "C" and "D" types are arranged in pairs, one pair for each depth position on the key. Each pair of tumblers consists of one "regular" tumbler of a given depth number and one "opposite" tumbler of the same depth number. It will be noted from the tumbler illustrations figure 3 that for each "regular" tumbler for a given depth number there is an "opposite" tumbler with same depth number but, being reversed end for end, to provide the spring arrangement illustrated. Example for Setting-Up a Combination: Combination number (depth numbers) 1-2-3-4 illustrated (number starts from point of the key). The corresponding tumbler numbers for the first position would be 3015A and 3015D, paired for depth No. 1, assembled in the plug in the same relative position illustrated. Tumbler numbers 3015B and 3015C are paired for depth No. 2, assembled in the plug in the same relative position illustrated. Tumbler numbers 3015B and 3015C are paired for depth No. 3, assembled in the plug in the opposite (end for end) relative position illustrated. Tumbler numbers 3015A and 3015D are paired for depth No. 4, assembled in the plug in the opposite (end for end) relative position illustrated. In each pair

of tumblers, the "regular" is placed closest to the head (bow) of the key and the "opposite" farthest from it. This is necessary to get the spring arrangement in the proper direction. It should be noted that when facing the front of the plug, all springs are to be on the side opposite to the key embossing.

The guide No. 3012A is used in all 1000series locks, which are all brass.

Type "E" mechanisms have two tumblers alike making a pair for each depth position on the key. Four tumblers, one for each depth position are provided; numbers 3010A (depth No. 1), 3010B (depth No. 2), 3010C (depth No. 3), 3010D (depth No. 4).

In the type "E" mechanisms, the tumbler spring throws each pair of tumblers in one direction, therefore the "opposite" tumbler and the reversing of tumblers end

double bitted key locks is identical to that of locks not masterkeyed, described above, except that two positions are provided in each tumbler, one for the primary key, and one for the master key. An example for setting-up a combination is as follows: Assume the primary key combination number (depth numbers) is 1-2-3-4 (illustrated figure 4), and the master key combination number (depth numbers) is 1-2-1-3 (illustrated in Fig. 4). The depth numbers required for the first position are 1-1, the second 2-2, the third 3-1, and the fourth 4-3. The required pair tumblers for the first position (1-1) is therefore 3017A (regular) and 3017M (opposite); for the second position (2-2), 3017E (regular) and 3017H (opposite); for the third position (3-1), 3017F (regular) and 3017G (opposite); for the fourth position (4-3), 3017A (regular) and 3017M (opposite). So as

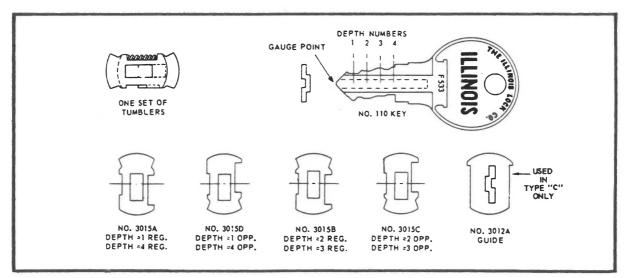


Fig. 3

for end, as mentioned above for the type "C" and "D" mechanisms, is not necessary here.

Example for Setting-Up a Combination: Suppose the combination number (depth numbers) was 1-2-3-4. The corresponding tumbler arrangement then would be two No. 3010A tumblers for depth No. 1, two No. 3010B for depth No. 2, two No. 3010C for depth No. 3, and two No. 3010D for depth No. 4.

Assembly of Tumblers (Type "C" and "D"), Masterkeyed. The principle of tumbler and key design for masterkeyed "Illinois"

not to lose the proper spring direction of the tumblers, the masterkeyed plugs should be filled to the primary key. The method of placement of the "regular" and "opposite" tumblers is the same as was mentioned in the type "C" and "D" non-masterkeyed description.

5. Duplicating 'Illinois' Double-Bitted Keys. After reading 'Principles of Operation,' it will be clear that the relationship between the cuts on each side of the key is fundamentally important and therefore it will be apparent that the gauging of the key and blank in the duplicating machine must be

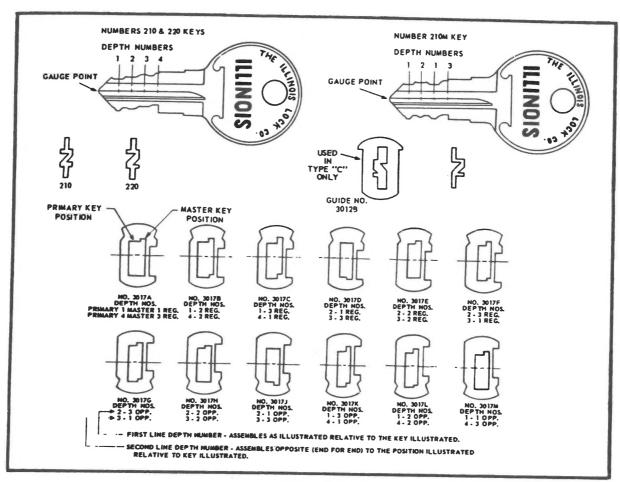


Fig. 4

accurate. If the distance from one cut edge of the key to the other is too great, the key will not enter the tumbler hole; if the distance is too short, the pair of tumblers will not draw into alignment. If the dimension is oversize in spots, the key will enter and withdraw roughly.

Gauge the key to be duplicated and the 6. blank if possible from the point of the key and blank, make the first cuts in the conventional manner and then repeat the process for the cuts on the opposite side of the key. (If you have Independent machines, it is suggested that you purchase Illinois attachment bars Nos. M276A, M276B, and M276C. See Service Parts Price List Number 254 or Catalog Number 354. These bars are designed so Illinois double-bitted keys and blanks are gauged from the point and the center groove.) After cutting the duplicate key, operate a tumbler over the key to check for clearance and accuracy. The tumbler

should ride the key when held slightly tipped both ways from the normal vertical position. If there are any tight spots, adjustment can be made with a small swiss pattern file, taking care not to destroy or reduce the cut lengths. (Guide tumblers are included in Kit No. X14, along with depth keys.)

Making Double-Bitted Keys from Code. The combination 1-2-3-4 (depth numbers) (illustrated figure 4) is on the top edge of the key when the key is placed with the name "Illinois" up and to the right with the exception of the number 310 key which is placed with the name down and to the right. These are the combination or depth numbers which appear in the code tables following the key or code numbers. The opposing cuts on the bottom edge of the key correspond to the upper cuts in reverse. A number 1 on the top is number 4 on the bottom, etc. Each set of cuts (one top number) equals 5. Ex-

ample:

Combination number (top cuts) 3243
Corresponding bottom cuts 2312
Total 5555

Depth keys for each Illinois keyway are available (see Service Parts List No. 254). There are four depth keys to each set. Each depth key is cut to one depth number in all positions. Tumblers are also included in the depth key kit for use as a guide in providing the proper clearances between cuts.

All Illinois double-bitted keys are designed to be gauged from the point of the key, and in view of the precision required it is recommended that you provide a means for gauging in this manner. Do not rely on the key shoulders because they are not accurate. (If you have Independent machines, special bars can be provided--see Service Parts List Number 254.)

All Illinois double-bitted keys are further designed to stop on the face of the first tumbler positioned just back of the plug head. Therefore, the overall length of combination milling (depth number milling) must

be accurate. The milling cutter used when making a key should have its leading side flat, thus providing a square stop shoulder at the end of the last depth cut position (see figure 4). This square shoulder allows greater key and/or lock life.

Make the top cut (combination or depth numbers as per code--example 1-2-3-4 illustrated figure 4) first, using the corresponding depth key for each depth number to establish each cut position. Then reverse the blank position and make the cuts for the opposite side of the key (example 4-3-2-1). Make each cut the exact same length and position as that on the depth key. After completing the making of the cut positions, remove the key from the machine and join the cuts with a small swiss pattern file, being very careful not to reduce the cut lengths. Then try passing a tumbler (Depth Key Kit Number X14) over the key, and touch up the high spots between the cuts to allow the tumbler to ride free when held slightly tipped both ways from the normal vertical position.

DUO LOCKS

Purpose. Duo locks are designed specifically for high-security requirements to meet
the demand for plant-security systems, and
institutional installations where controlled
key service is desirable.

This company is forced to accept the fact that it is impossible to have the best in security and at the same time provide an immediate local service on a national scale. A completely free key service would obviously destroy the controlled key system. On the other hand, it is also most desirable to retain the services of dependable locksmiths on a co-operative basis to service Duo losks and keys.

The company will cooperate with any dependable locksmith in suggesting to institutions using Duo locks to make arrangements with him for local service. Service arrangements with local locksmiths are always suggested to companies using Duo plant-security systems when sold by this company. Locksmiths who sell Duo plant-security systems obviously will arrange to provide proper service.

A prompt service is provided by the com-

pany to furnish Duo keys by number and replacement locks to locksmiths (see Service Parts Price List Number 254 for prices). In some instances it is desirable for locksmiths servicing factories and institutions to carry replacement locks for emergency service.

A great many users of Duo locks purchased them expressly because they do not want keys generally available, and require a controlled service through a single source. Therefore the cooperation of locksmiths is requested in the carrying out of a policy designed to meet the needs of this specialized field.

Duo locks can be furnished with registered keys. Under this system, keyed-alike locks can be provided with an exclusive key number for an area of 500 miles surrounding the location. Control of replacement keys and locks is provided by owner signature. Locksmiths can sell and service this system by requesting signature cards, and the routing of sale and service through themselves.

STANDARD KEY CODE No. 100 KEY BLANKS

60 Changes High & Low Cuts

Key No.	Comb.										
101	112	111	134	121	223	131	311	141	334	151	422
102	113	112	141	122	224	132	312	142	341	152	423
103	114	113	142	123	231	133	313	143	342	153	424
104	121	114	143	124	232	134	314	144	343	154	431
105	122	115	144	125	233	135	321	145	344	155	432
106	123	116	211	126	234	136	322	146	411	156	433
107	124	117	212	127	241	137	323	147	412	157	434
108	131	118	213	128	242	138	324	148	413	158	441
109	132	119	214	129	243	139	331	149	414	159	442
110	133	120	221	130	244	140	332	150	421	160	443

STANDARD KEY CODE - No. 100 KEY BLANKS

E100 to E159 - 42 low cut changes - 60 total

100 LOW				100 HIGH	
Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.
E100 112 E101 121 E102 123 E103 132 E104 211 E105 213 E106 224 E107 231 E108 233 E109 242	E110 244 E111 312 E112 321 E113 323 E114 332 E115 334 E116 343 E117 422 E118 424 E119 433	E120 442 E121 113 E122 122 E123 131 E124 133 E125 212 E126 223 E127 232 E128 234 E129 243 E130 311	E131 313 E132 322 E133 324 E134 331 E135 342 E136 344 E137 423 E138 443 E139 221 E140 432 E141 434	E142 114 E143 134 E144 141 E145 143 E146 314 E147 341 E148 411 E149 413 E150 431	E151 124 E152 142 E153 144 E154 214 E155 241 E156 412 E157 414 E158 421 E159 441

STANDARD KEY CODE - No. 105 KEY BLANKS

252 Changes -- High & Low Cuts

Key No. Comb.	Key No. Com	. Key Na	Comb.	ney No.	Comb.	Key No.	Comb.	Key No.	Comb.
A300 4311 A301 4113 A302 3422 A303 3224 A304 2331 A305 2133 A306 1442 A307 1244 A308 4412 A309 4214 A310 3321 A311 3123 A312 2432	A313 2234 A314 134 A315 1143 A316 4313 A317 4123 A318 3424 A319 3231 A320 2333 A321 2142 A322 1444 A323 1212 A324 4414 A325 4221	A327 A328 A329 A330 A331 A332 A333 A334 A335 A336 A337	3132 2434 2241 1343 4322 4124 3431 3233 2342 2144 1412	A339 A341 A342 A343 A344 A345 A346 A347 A348 A349 A350 A351	4223 3332 3134 2441 2243 1311 1113 4324 4131 3433 3242	A352 A353 A354 A355 A356 A357 A358 A360 A361 A362 A363 A364	1414 1221 4423 4232 3334 3141 2443 2211 1313 1122 4331	A365 A366 A367 A368 A369 A371 A372 A373 A374 A375 A376 A377	3244 2312 2114 1421 1223 4432 4234 3341 3143 2411 2213

STANDARD KEY CODE - No 105 KEY BLANKS

42 Changes - Low Cuts

| Key No. Comb. |
|---------------|---------------|---------------|---------------|---------------|---------------|
| K100 112 | K107 113 | K114 211 | K121 242 | K128 133 | K135 233 |
| K101 244 | K108 322 | K115 343 | K122 234 | K129 243 | K136 342 |
| K102 442 | K109 132 | K116 313 | K123 324 | K130 221 | K137 422 |
| K103 311 | K110 334 | K117 423 | K124 332 | K131 232 | K138 323 |
| K104 434 | K111 223 | K118 123 | K125 212 | K132 424 | K139 231 |
| K105 121 | K112 331 | K119 321 | K126 433 | K133 443 | K140 224 |
| K106 312 | K113 432 | K120 131 | K127 122 | K134 344 | K141 213 |

STANDARD KEY CODE - No. 110 KEY BLANKS

252 Changes -- Low & High Cuts

Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.
200 1112 201 1113 202 1114 203 1121 204 1122 205 1123 206 1124 207 1131 208 1132 209 1133 210 1134 211 1141 212 1142 213 1143 214 1212 217 1213 218 1211 216 1212 217 1213 218 1214 219 1221 220 1222 221 1223 222 1224 223 1231 224 1232 225 1233 226 1234 227 1241 228 1242 229 1243 230 1244 231 1311 232 1312 233 1311 232 1312 233 1311 234 1312 235 1321 236 1322 237 1323	242 1334 243 1341 244 1342 245 1343 246 1344 247 1411 248 1412 249 1413 250 1414 251 1421 252 1422 253 1423 254 1431 256 1432 257 1433 258 1434 259 1441 260 1442 261 1443 252 1444 263 2111 264 2112 265 2113 266 2114 267 2121 268 2122 269 2123 270 2124 271 2131 272 2131 273 2131 274 2131 275 2141 276 2142 277 2143 278 2144 279 2211	285 2223 286 2224 287 2231 288 2232 289 2233 290 2234 291 2241 292 2242 293 2243 294 2311 296 2312 297 2313 298 2314 299 2321 300 2322 301 2323 302 2324 303 2324 303 2331 304 2332 305 2333 306 2334 307 2341 308 2342 309 2341 308 2342 311 2412 313 2412 313 2412 313 2412 313 2412 313 2413 314 2414 315 2422 317 2423 318 2422 317 2423 318 2424 319 2431 320 2432 321 2433 322 2434	327 3111 328 3112 329 3113 330 3114 331 3121 332 3122 333 3123 334 3124 335 3131 336 3132 337 3133 338 3134 339 3141 340 3142 341 3142 341 3212 345 3211 344 3212 345 3213 346 3214 347 3222 348 3213 346 3214 357 3224 350 3231 351 3232 352 3231 351 3232 352 3231 351 3244 355 3244 355 3244 355 3244 355 3244 357 3244 358 3111 359 3211 359 3231 351 3232 352 3233 353 3244 355 3244 356 3243 357 3244 358 3311 359 3311 359 3311 359 3311 359 3311 359 3311 359 3312 360 3313 361 3314 362 3321 363 3322 364 3323	Key No. Comb. 369 3341 370 3342 371 3344 372 3411 374 3412 375 3413 376 3421 378 3422 379 3423 380 3424 381 3431 382 3432 383 3441 386 3442 387 3443 388 3441 386 3442 387 3443 388 3444 389 4111 390 4112 391 4113 392 4121 394 4121 397 4131 398 4124 <	Key No. Comb. 411 4223 412 4224 413 4231 414 4232 415 4234 417 4241 418 4242 419 4244 421 4311 422 4312 423 4312 425 4321 426 4322 427 4323 428 4324 429 4331 430 4324 429 4331 430 4332 431 4334 433 4341 434 4342 435 4343 436 4341 438 4411 438 4411 <
238 1324 239 1331 240 1332 241 1333	280 2212 281 2213 282 2214 283 2221	323 2441 324 2442 325 2443 326 2444	365 3324 366 3331 367 3332 368 3334	400 4212 407 4213 408 4214 409 4221 410 4222	448 4434 449 4441 450 4442 451 4443 452 3221

STANDARD KEY CODE - No. 110-310 KEY BLANKS

Section 1 110 & 310 low cuts Section 2 110 & 310 high cuts F200 to F703 - 282 low cut changes - 504 total

110 LOW					
Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.
F200 1112 F201 1123 F202 1231 F203 1313 F204 1332 F205 2121 F206 2133 F207 2223 F208 2234 F210 2324 F211 2342 F211 2342 F212 2432 F213 2444 F214 3122 F215 3233 F216 3311 F217 3334 F218 3423 F219 3442 F220 4224 F221 4243 F222 4332 F223 4344 F224 4433 F225 3221 F226 1113 F227 1131 F228 1232 F229 1321 F228 1232 F229 1321 F228 1232 F229 1321 F228 1232 F229 1321 F230 2433 F231 2122 F233 2224 F231 2122 F233 2224 F234 2313 F235 2331 F236 2343 F237 2433 F237 2433 F238 3111 F239 3223 F240 3234 F241 3312 F242 3324 F241 3312 F242 3324 F241 3312 F242 3342 F245 3443 F246 4232 F247 4244 F248 4333	F249 4422 F250 4434 F251 1121 F252 1132 F253 1212 F254 1221 F255 1233 F256 1322 F257 2111 F258 2123 F259 2422 F260 2231 F261 2243 F262 2321 F263 2332 F264 2344 F265 2434 F266 3112 F267 3131 F268 3242 F270 3343 F271 3424 F272 3444 F273 4233 F274 4322 F275 4334 F277 4442 F278 1133 F279 1213 F280 1222 F277 4442 F278 1133 F279 1213 F280 1222 F281 1311 F282 1323 F279 1213 F280 1222 F281 1311 F282 1323 F279 1213 F289 2442 F279 1213 F289 2442 F279 1313 F289 2442 F291 3113 F285 2322 F286 2244 F287 2322 F288 2333 F299 2442 F291 3113 F292 3123 F293 3123 F293 3123 F294 3212 F295 3231 F297 3321	F298 3323 F299 3332 F300 3422 F301 3433 F302 4222 F303 4234 F304 4323 F305 4444 F307 4443 F308 2213 F309 2311 F310 2323 F311 2324 F312 2424 F313 2424 F313 2424 F313 3213 F316 3213 F317 3232 F318 3744 F319 3322 F318 3744 F319 3322 F320 1211 F321 1223 F322 1312 F323 1321 F324 2113 F325 2132 F326 2233 F327 3211 F328 3434 F329 4223 F330 4242 F331 4324 F332 4343 F333 2221 F334 4432 F335 3331 F336 3313 F337 1122 F338 2242 F339 3222 F340 2211 F341 3344 310 LOW Key No. Comb. F342 1112 F343 1123	F344 1313 F345 1332 F346 2121 F347 2133 F348 2223 F349 2312 F351 2324 F352 2342 F353 2432 F354 2444 F355 3122 F356 3233 F357 3311 F358 3334 F359 3423 F360 3423 F361 4224 F362 4243 F363 4332 F364 4344 F365 4433 F366 3221 F367 1113 F368 1131 F368 1131 F369 1232 F370 1321 F371 1333 F372 2122 F373 2224 F375 2313 F376 2331 F377 2343 F378 2224 F375 2313 F377 2343 F378 2433 F379 3111 F380 3223 F371 3324 F375 2313 F376 2313 F377 2343 F377 2343 F378 2432 F378 2433 F379 3111 F380 3223 F381 3234 F387 2433 F378 2433 F379 3111 F380 3223 F381 3234 F387 2433 F378 2433 F379 3111 F380 3223 F381 3234 F387 4232 F388 4244 F389 4333 F390 1231 F391 4422 F392 4434	F393 1121 F394 1132 F395 1212 F396 1221 F397 1233 F398 1322 F399 2111 F400 2123 F401 2422 F402 2231 F405 2332 F406 2344 F407 2434 F408 3112 F409 3131 F410 3224 F411 3242 F412 3343 F413 3424 F414 3444 F415 4233 F416 4322 F417 4334 F418 4422 F417 4334 F418 4423 F419 4442 F420 1133 F421 1213 F422 1222 F423 1311 F424 1323 F425 2112 F426 2131 F427 2232 F428 2244 F429 2322 F430 2333 F431 2423 F436 3113 F427 2232 F438 2442 F433 3131 F427 2322 F438 2321 F436 3132 F437 3231 F438 3243 F439 3321 F439 3321 F440 3323 F441 3332	F442 3422 F443 3433 F444 4222 F445 4323 F447 4342 F448 4424 F449 4443 F450 2213 F451 2311 F452 2323 F453 2344 F456 3121 F457 3133 F458 3213 F459 3232 F460 3244 F461 3322 F462 1211 F463 1223 F464 1312 F465 1331 F466 2113 F467 2132 F468 2233 F469 3211 F470 3434 F471 4223 F469 3211 F470 3434 F471 4223 F469 3211 F470 3434 F471 4223 F472 4242 F473 4324 F474 4343 F475 2221 F476 4432 F477 3331 F478 3313 F479 1122 F480 2242 F481 3222 F482 2211 F483 3344 110 HIGH Key No. Comb.

Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.
+486 1241 +487 1324 +488 1411 +489 1422 +490 1433 F491 1444 F492 2142 F493 2314 F494 2421 F495 3114 F496 3143 F497 3413 F500 3431 F501 4111 F502 4122 F503 4133 F504 4144 F505 4214 F506 4312 F507 4341 F509 1124 F510 1144 F511 1421 F512 1341 F513 1422 F514 1423	F524 4123 F525 4134 F526 4211 F527 4231 F528 4313 F529 4411 F530 4431 F531 3241 F532 3214 F533 1234 F534 1314 F535 1342 F536 1413 F537 1424 F538 1441 F539 2124 F540 2141 F541 2144 F542 2214 F540 2141 F541 2144 F547 1134 F548 3341 F549 4113 F554 4124 F5551 4141 F5552 4311 F5553 1334 F5554 4331 F5555 4412 F556 4414 F557 4441	F562 1343 F563 1414 F564 1421 F565 1432 F566 2134 F567 2241 F568 2412 F570 3144 F571 3314 F572 3421 F573 3421 F573 4131 F576 4142 F577 4213 F578 4314 F579 4413 F580 4241 F581 1142 F582 1431 F583 2413 F584 4 121 F585 4132 F586 4143 F587 4321 F588 1344 F589 1443 F589 1443 F589 1243 F589 1243 F591 3412 F592 4212 F593 2414	F595 1143 F596 1241 F597 1324 F598 1411 F599 1422 F600 1433 F601 1444 F602 2142 F603 2314 F604 2421 F605 3114 F606 3143 F607 3134 F608 3411 F610 3431 F611 4111 F612 4122 F613 4133 F614 4144 F615 4214 F616 4312 F617 4341 F618 4214 F618 4214 F619 1124 F620 1144 F621 1242 F622 1341 F623 1412 F624 1423 F625 1442 F626 1434	F630 3124 F631 3141 F632 3414 F633 4112 F634 4123 F635 4134 F636 4211 F637 4231 F638 4313 F641 3241 F640 4431 F641 3241 F642 3214 F645 1342 F646 1413 F647 1424 F648 1441 F649 2124 F650 2141 F651 2144 F652 2214 F653 2411 F655 3142 F656 1214 F657 1134 F657 1134 F658 3341 F659 4113 F660 4124 F661 4141 F662 4311 F662 4311 F663 1334	F667 4441 F668 4221 F669 1141 F670 1224 F671 1244 F672 1343 F673 1414 F674 1421 F675 1432 F676 2134 F677 2241 F678 2412 F680 3144 F681 3421 F682 3441 F683 4114 F684 4131 F685 4142 F686 4213 F687 4314 F688 4413 F689 4241 F690 1142 F691 1431 F692 2413 F693 4121 F694 4132 F697 1344 F698 4143 F699 1243 F699 1243 F699 1243 F699 1243 F699 1243 F699 1243 F700 3412 F701 4212
F521 3141 F522 3414	F559 1141 F560 1224	Key No. Comb.	F627 2114 F628 2143	F664 4331 F665 4412	F702 2414 F703 3314
F523 4112	F561 1244	F594 1114	F629 2341	F666 4414	1/03 3314

STANDARD KEY CODE - No. 110-310 KEY BLANKS

Section 1 110 low & high cut Section 2 310 low & high cut G200 to G703 -- 282 low cut changes -- 504 total

110 LOW Key No. Comb.	Key No. Comb.				
G200 3344	G208 2221	G216 2132	G224 3232	G232 2311	G240 3433
G201 2211	G209 4343	G217 2113	G225 3213	G253 2213	G241 3422
G202 3222	G210 4324	G218 1331	G226 3133	G234 4443	G242 3332
G203 2242	G211 4242	G219 1312	G227 3121	G235 4424	G243 3323
G204 1122	G212 4223	G220 1223	G228 2443	G236 4342	G244 3321
G205 3313	G213 3434	G221 1211	G229 2424	G237 4323	G245 3243
G206 3331	G214 3211	G222 3322	G230 2334	G238 4234	G246 3231
G207 4432	G215 2233	G223 3244	G231 2323	G239 4222	G247 3212

Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.
G248 3132	G308 2224	G364 3314	G424 1242	G480 1232	G540 2423
G249 3123	G309 2212	G365 3144	G425 1144	G481 1321	G541 2442
G250 3113	G310 2122	G366 2441	G426 1124	G482 1333	G542 3113
G251 2442	G311 13.33	G367 2412	G427 4421	G483 2122	G543 3123
G252 2423 G253 2333	G312 1321	G368 2241	G428 4341	G484 2212	G544 3132 G545' 3212
G253 2333 G254 2322	G313 1232	G369 2134	G429 4312 G430 4214	G485 - 2224 G486 2313	G545' 3212 G546 3231
G255 2244	G314 1131	G370 1432	G430 4214 G431 4144	G487 2331	G547 3243
	G315 1113 G316 3221	G371 1421 G372 1414	G432 4133	G488 2343	G548 3321
G256 2232 G257 2131	G316 3221 G317 4433	G372 1414 G373 1343	G433 4122	G489 2433	G549 3323
G257 2131 G258 2112	G318 4344	G374 1244	G434 4111	G490 3111	G550 3332
G259 1323	G319 4332	G375 1224	G435 3431	G491 3223	G551 3422
G260 1311	G320 4243	G376 1141	G436 3413	G492 3234	G552 3433
G261 1222	G321 4224	G377 4221	G437 3411	G493 3312	G553 4222
G262 1213	G322 3442	G378 4441	G438 3134	G494 3324	G554 4234
G263 1133	G323 3423	G379 4414	G439 3143	G495 3342	G555 4323
G264 4442	G324 3334	G380 4412	G440 3114	G496 3432 G497 3443	G556 4342
G265 4423	G325 3311	G381 4331	G441 2421	G498 4232	G557 4424
G266 4334	G326 3233	G382 1334	G442 2314 G443 2142	G499 4244	G558 4443
G267 4322	G327 3122 G328 2444	G383 4311 G384 4141	G444 1444	G500 4333	G559 2213
G268 4233 G269 3444	G329 2444 G329 2432	G385 4124	G445 1433	G501 4422	G560 2311
G270 3424	G330 2342	G386 4113	G446 1422	G502 4434	G561 2323 G562 2334
G271 3343	G331 2324	G387 3341	G447 1411	G503 1121	G562 2334 G563 2424
G272 3242	G332 2312	G388 1134	G448 1324	G504 1132	G564 2443
G273 3224	G333 2234	G389 1214	G449 1241	G505 1212	G565 3121
G274 3131	G334 2223	G390 3142	G450 1143	G506 1221	G566 3133
G275 3112	G335 2133	G391 2431	G451 1114	G507 1233	G567 3213
G276 2434	G336 2121	G392 2411	310 LOW	G508 1322 G509 2111	G568 3232
G277 2344	G337 1332	G393 2214	Key No. Comb.	G510 2422	G569 3244
G278 2332	G338 1313 G339 1231	G394 2144 G395 2141	Rey No. Comb.	G511 2231	G570 3322
G279 2321 G280 2243	G340 1123	G396 2124	G452 1112	G512 22 43	G571 1211
G281 2231	G341 1112	G397 1441	G453 1123	G513 2321	G572 1223 G573 1312
G282 2422	3041	G398 1424	G454 1231	G514 2332	G574 1331
G283 2123	110 HIGH	G399 1413	G455 1313	G515 2344	G575 2113
G284 2111	Key No. Comb.	G400 1342	G456 1332	G513 2434	G576 2132
G285 13 22		G401 1314	G457 2121	G517 3112	G577 2233
G286 1233	G342 2414	G402 1234	G458 2133	G518 3131	G578 3211
G287 1221	G343 4212	G403 3214	G459 2223 G460 2234	G519 3224 G520 3242	G579 3434
G288 121 2	G344 - 3412 G345 1243	G404 3241 G405 4431	G461 2312	G521 33 43	G580 4223
G289 1132	G345 1243 G346 1443	G406 4411	G462 2324	G522 3424	G581 4242
G290 1121 G291 4434	G347 1344	G407 4313	G463 2342	G523 3444	G582 4324
G292 4422	G348 4321	G408 4231	G464 2432	G524 4233	G583 4343 G584 2221
G293 4333	G349 4143	G409 4211	G465 2444	G525 43 22	G585 4432
G294 4244	G350 4132	G410 4134	G466 3122	G526 4334	G586 3331
G295 4232	G351 4121	G411 4123	G467 3233	G527 4423	G587 3313
G296 3443	G352 2413	G412 4112	G468 3311	G528 4442	G588 1122
G297 3432	G353 1431	G413 3414	G469 3334 G470 3423	G529 1133	G589 2242
G298 3342	G354 1142	G414 3141 G415 3124	G470 3423 G471 3442	G530 1213 G531 1222	G590 3222
G299 3324 G300 3312	G355 4241 G356 4413	G416 2341	G472 4224	G532 1311	G591 2211
G300 3312 G301 3234	G357 4314	G417 2143	G473 4243	G533 1323	G592 3344
G302 3223	G358 4213	G418 2114	G474 4332	G534 2112	G593 2123
G303 3111	G359 4142	G419 1434	G475 4344	G535 2131	
G304 2433	G360 4131	G420 1442	G476 4433	G536 2232	310 HIGH
G305 2343	G361 4114	G421 1423	G477 3221	G537 2244	Key No. Comb.
G306 2331	G362 3441	G422 1412	G478 1113	G538 2322	0.004 0.43.4
G307 2313	G363 3421	C423 - 1341	G479 1131	G539 2333	G594 2414
				_	

Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.
G595 4212 G596 3412 G597 1243 G598 1443 G599 1344 G600 4321 G601 4143 G602 4132 G603 4121 G604 2413 G605 1431 G606 1142 G607 4241 G608 4413 G609 4314 G610 4213 G611 4142 G612 4131	G613 4114 G614 3441 G615 3421 G616 3314 G617 3144 G618 2441 G519 2412 G620 2241 G621 2134 G622 1432 G623 142 G624 1414 G625 1343 G626 1244 G627 1224 G628 1141 G629 4221 G630 4441	G631 4414 G632 4412 G633 4331 G634 1334 G635 4311 G636 4141 G637 4124 G638 4113 G639 3341 G640 1134 G641 1214 G642 3142 G643 2431 G644 2411 G645 2214 G646 2144 G647 2141 G648 2124	G649 1441 G650 1424 G651 1413 G652 1342 G653 1314 G654 1234 G655 3214 G656 3241 G657 4431 G659 4313 G660 4231 G661 4211 G662 4134 G663 4112 G664 3414 G665 3141 G666 3124	G667 2341 G668 2143 G669 2114 G670 1434 G671 1442 G672 1423 G673 1412 G674 1341 G675 1242 G676 1144 G677 1124 G678 4421 G679 4341 G680 4312 G681 4214 G682 4144 G683 4133 G684 4122	G685 4111 G686 3431 G687 3413 G688 3411 G689 3134 G690 3143 G691 2142 G693 2421 G694 2142 G695 1444 G696 1433 G697 1422 G698 1411 G699 1324 G700 1241 G701 1143 G702 1114 G703 4123

STANDARD KEY CODE No 115 KEY BLANKS

L 200 to L 451 -- 142 low cut changes -- 252 total

L200 1123	115 LOW Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.
L225 3221 L252 1132 L280 1222 L307 4443 L334 4432 L355 3134	L200 1112 L201 1123 L202 1231 L203 1313 L204 1332 L205 2121 L206 2133 L207 2223 L208 2234 L209 2312 L210 2324 L211 2342 L211 2432 L212 2432 L213 2444 L214 3122 L215 3233 L216 3311 L217 3334 L218 3423 L219 3442 L220 4224 L221 4243 L222 4332 L223 4344	L227 1131 L228 1232 L229 1321 L230 1333 L231 2122 L232 2212 L233 2224 L234 2313 L235 2331 L236 2343 L237 2433 L238 3111 L239 3223 L240 3234 L241 3312 L242 3324 L241 3312 L242 3344 L241 3312 L242 3344 L243 3432 L244 4232 L244 4232 L245 3443 L246 4232 L247 4244 L248 4333 L249 4422 L250 4434	L254 1221 L255 1233 L256 1322 L257 2111 L258 2123 L259 2422 L260 2231 L261 2243 L262 2321 L263 2332 L264 2344 L265 2434 L266 3112 L267 3131 L268 3224 L269 3242 L270 3343 L271 3424 L272 3444 L273 4233 L274 4322 L275 4334 L276 4423 L277 4442 L278 1133 L277 4442 L278 1213	L281 1311 L282 1323 L283 2112 L284 2131 L285 2232 L286 2244 L287 2322 L238 2423 L290 2442 L291 3113 L292 3123 L293 3132 L294 3212 L295 3231 L296 3243 L297 3321 L298 3231 L298 3231 L299 3322 L300 3422 L301 3433 L302 4222 L303 4234 L304 4321 L305 4342 L306 4424	L308 2213 L309 2311 L310 2323 L311 2334 L312 2424 L313 2443 L314 3121 L315 3133 L316 3213 L317 3232 L318 3244 L319 3322 L320 1211 L321 1223 L322 1312 L323 1331 L324 2113 L325 2132 L326 2233 L327 321\ L328 3434 L329 4223 L330 4242 L331 4324 L332 4343 L333 2221	L335 3331 L336 3313 L337 1122 L338 2242 L339 3222 L340 2211 L341 3344 115 HIGH Key No. Comb. L342 1114 L343 1143 L344 1241 L345 1324 L346 1411 L347 1422 L348 1433 L349 1444 L350 2142 L351 2314 L352 2421 L353 3114 L354 3143

Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb
L356 3411	L372 1423	L388 4431	L404 1214 L405 1134 L406 3341 L407 4113 L408 4124 L409 4141 L410 4311 L411 1334 L412 4331 L413 4412 L414 4414 L415 4441 L416 4221 L417 1141 L418 1224 L419 1244	L420 1343	L436 4314
L357 3413	L373 1442	L389 3241		L421 1414	L437 4413
L358 3431	L374 1434	L390 3214		L422 1421	L438 424
L359 4111	L375 2114	L391 1234		L423 1432	L439 1143
L360 4122	L376 2143	L392 1314		L424 2134	L440 143
L361 4133	L377 2341	L393 1413		L425 2241	L441 2413
L362 4144	L378 3124	L394 1413		L426 2412	L442 412
L363 4214	L379 3141	L395 1424		L427 2441	L443 413
L364 4312	L380 3414	L396 1441		L428 3144	L444 4143
L365 4341	L381 4112	L397 2124		L429 3314	L445 432
L366 4421	L382 4123	L398 2141		L430 3421	L446 1344
L367 1124	L383 4134	L399 2144		L431 3441	L447 1443
L368 1144	L384 4211	L400 2214		L432 4114	L448 1243
L369 1242	L385 4231	L401 2411		L433 4131	L449 3412
L370 1341	L386 4313	L402 2431		L434 4142	L450 4213
L371 1412	L387 4411	L403 3142		L435 4213	L451 2414

STANDARD KEY CODE - No. 210 KEY BLANKS

252 Changes - Low & High Cuts

| Key No. Comb. |
|---------------|---------------|---------------|---------------|---------------|---------------|
| 200 1112 | 229 1243 | 258 1434 | 288 2232 | 317 2423 | 346 3214 |
| 201 1113 | 230 1244 | 259 1441 | 289 2233 | 318 2424 | 347 3222 |
| 202 1114 | 231 1311 | 260 1442 | 290 2234 | 319 2431 | 348 3223 |
| 203 1121 | 232 1312 | 261 1443 | 291 2241 | 320 2432 | 349 3224 |
| 204 1122 | 233 1313 | 262 1444 | 292 2242 | 321 2433 | 350 3231 |
| 205 1123 | 234 1314 | 263 2111 | 293 2243 | 322 2434 | 351 3232 |
| 206 1124 | 235 1321 | 264 2112 | 294 2244 | 323 2441 | 352 3233 |
| 207 1131 | 236 1322 | 265 2113 | 295 2311 | 324 2442 | 353 3234 |
| 208 1132 | 237 1323 | 266 2114 | 296 2312 | 325 2443 | 354 3241 |
| 209 1133 | 238 1324 | 267 2121 | 297 2313 | 326 2444 | 355 3242 |
| 210 1134 | 239 1331 | 268 2122 | 298 2314 | 327 3111 | 356 3243 |
| 211 1141 | 240 1332 | 269 2123 | 299 2321 | 328 3112 | 357 3244 |
| 212 1142 | 241 1333 | 270 2124 | 300 2322 | 329 3113 | 358 3311 |
| 213 1143 | 242 1334 | 271 2131 | 301 2323 | 330 3114 | 359 3312 |
| 214 1144 | 243 1341 | 272 2132 | 302 2324 | 331 3121 | 360 3313 |
| 215 1211 | 244 1342 | 273 2133 | 303 2331 | 332 3122 | 361 3314 |
| 216 1212 | 245 1343 | 274 2134 | 304 2332 | 333 3123 | 362 3321 |
| 217 1213 | 246 1344 | 275 2141 | 305 2333 | 334 3124 | 363 3322 |
| 218 1214 | 247 1411 | 276 2142 | 306 2334 | 335 3131 | 364 3323 |
| 219 1221 | 248 1412 | 277 2143 | 307 2341 | 336 3132 | 365 3324 |
| 220 1222 | 249 1413 | 278 2144 | 308 2342 | 337 3133 | 366 3331 |
| 221 1223 | 250 1414 | 279 2211 | 309 2343 | 338 3134 | 367 3332 |
| 222 1224 | 251 1421 | 280 2212 | 310 2344 | 339 3141 | 368 3334 |
| 223 1231 | 252 1422 | 281 2213 | 311 2411 | 340 3142 | 369 3341 |
| 224 1232 | 253 1423 | 282 2214 | 312 2412 | 341 3143 | 370 3342 |
| 225 1233 | 254 1424 | 283 2221 | 313 2413 | 342 3144 | 371 3343 |
| 226 1234 | 255 1431 | 285 2223 | 314 2414 | 343 3211 | 372 3344 |
| 227 1241 | 256 1432 | 286 2224 | 315 2421 | 344 3212 | 373 3411 |
| 228 1242 | 257 1433 | 287 2231 | 316 2422 | 345 3213 | 374 3412 |
| | | | | | |

Key N	lo.	Comb.	Key No.	Comb.								
375		3413	388	3444	401	4141	414	4232	427	4323	440	4414
376		3414	389	4111	402	4142	415	4233	428	4324	441	4421
377		3421	390	4112	403	4143	416	4234	429	4331	442	4422
•		3422	391	4113	404	4144	417	4241	430	4332	443	4423
		3423	• • •	4114	405	4211	418	4242	431	4333	444	4424
380		3424	393	4121	406	4212	419	4243	432	4334	445	4431
381		3431	394	4122	407	4213	420	4244	433	4341	446	4432
382		3432	395	4123	408	4214	421	4311	434	4342	447	4433
383		3433	396	4124	409	4221	422	4312	435	4343	448	4434
		3434	397	4131	410	4222	423	4313	436	4344	449	4441
		3441	398	4132	411	4223	424	4314	437	4411	450	4442
386		3442	117	4133	1.2.2	4224	425	4321	438	4412	451	4443
		3443	400	4134	413	4231	426	4322	439	4413	452	3221

Above Key numbers always appear with letter pretix.

When X prefix is used lock is <u>not</u> master keyed.

When prefix "AP" through "GW" appears, locks are master keyed.

See Master Key Code Below

STANDARD MASTER CODE - No. 210-220 KEY BLANKS

78 Changes

Key	No.	Comb.	Key No.	Comb.	Key No.	Comb.	Key No. Comb	. Key No. Com	b. Key No. Comb.
AP		1112		1223	- CR		DT 2223		
AQ		1113 1121	BR BS		CS CT		DU 2231 DV 2232		
AS		1122	BT	1233	CU	2121	DW 2233		
		1123 1131	BU BV		•	2122 2123	DX 231	,	
AU		1131	BW		•	2131	DZ 2313	FN 313	GP 3312
AW		1133	BX			2132 2133	EN 232 EP 232		
AX		1211 1212	BY BZ	1322		2133	EQ 232		
ΑZ		1213	CN			2212	ER 233		
		1221 1222	CP CQ		DQ DR		ES 2333 ET 2333		

STANDARD KEY CODE - No. 210-220 KEY BLANKS

210 Key - 250 Changes 220 Key - 250 Changes Low & High Cuts -- Master Code - CY

210	K N C I	K N C I	* N C I	K 11 C 1	K N C I
Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.
CY001 1112 CY002 1123 CY003 1124 CY004 1211 CY005 1222 CY006 1233 CY007 1244 CY008 1321 CY009 1332 CY010 1343 CY011 1414 CY012 1431 CY013 1442 CY014 2113 CY015 2124 CY016 2141 CY017 2212 CY018 2223 CY019 2234 CY020 2311 CY021 2322 CY022 2333 CY023 2344 CY024 2421 CY025 2432 CY026 3341 CY027 3412 CY027 3412 CY028 3423 CY029 3434 CY029 3434 CY029 3434 CY029 3432 CY029 3431 CY027 3412 CY028 3231 CY031 4122 CY032 2432 CY029 3434 CY031 4122 CY036 3213 CY037 3231 CY037 3231 CY038 3231 CY040 3324 CY041 3424 CY042 3413 CY045 4112 CY046 4123 CY047 4134 CY047 4134 CY048 4222 CY050 4233 CY051 4234 CY052 4331 CY052 4331 CY052 4331 CY053 4234 CY052 4331	CY054 4343 CY055 4414 CY056 4431 CY057 4442 CY058 1113 CY059 1124 CY060 1141 CY061 1212 CY062 1223 CY063 1324 CY064 1311 CY065 1322 CY066 1333 CY067 1344 CY068 1421 CY069 1432 CY070 1443 CY071 2131 CY072 2142 CY073 2241 CY076 2312 CY076 2312 CY077 2323 CY078 2324 CY077 2323 CY078 2334 CY079 2411 CY080 2422 CY081 2433 CY082 2444 CY083 3121 CY084 3132 CY085 3143 CY086 3232 CY087 3243 CY088 3314 CY099 3331 CY089 3331 CY089 3331 CY099 3414 CY099 3411 CY099 3414 CY099 3411 CY099 3411 CY099 3411 CY099 3414 CY099 3411 CY099 3411 CY099 3411 CY099 3414 CY099 4212 CY098 4223 CY099 4234 CY100 4311 CY101 4323 CY103 4331 CY101 4323 CY103 4334 CY104 4421 CY105 4432 CY105 4432 CY106 1114	CY107 1131 CY108 1142 CY109 1213 CY110 1224 CY111 1241 CY112 1312 CY113 1323 CY114 1334 CY115 1411 CY116 1422 CY117 1433 CY118 1444 CY119 2121 CY120 2132 CY121 2143 CY122 2214 CY123 2231 CY124 2242 CY125 2313 CY126 2324 CY127 2341 CY128 2412 CY129 2423 CY127 2341 CY128 2412 CY129 2423 CY130 2434 CY131 3111 CY128 3122 CY130 2434 CY131 3111 CY132 3122 CY133 3122 CY136 3244 CY137 3321 CY138 3322 CY136 3244 CY137 3321 CY138 3322 CY138 3324 CY137 3411 CY148 4412 CY140 3421 CY141 3421 CY141 3421 CY141 3421 CY141 3421 CY142 3443 CY143 4114 CY144 4131 CY145 4142 CY146 4213 CY147 4224 CY148 4213 CY147 4224 CY148 4213 CY150 4323 CY151 3233 CY152 4334 CY153 4411 CY154 4422 CY155 4334 CY156 1121 CY157 1132 CY157 1132 CY158 1143 CY159 1214	CY160 1231 CY161 1313 CY162 1324 CY163 1341 CY164 1412 CY165 1423 CY166 1434 CY167 2111 CY168 2122 CY169 2133 CY170 2144 CY171 2221 CY172 2232 CY173 2243 CY174 2314 CY175 2331 CY176 2342 CY177 2413 CY178 2424 CY179 2424 CY179 2424 CY180 3112 CY180 3112 CY181 3123 CY182 3134 CY183 3211 CY184 3223 CY185 3234 CY189 3411 CY187 3422 CY189 3411 CY190 3422 CY191 3433 CY192 3444 CY193 4121 CY194 4132 CY195 4143 CY196 4214 CY197 4231 CY197 4231 CY198 4242 CY199 4313 CY196 4214 CY197 4231 CY198 4242 CY199 4313 CY196 4214 CY197 4231 CY198 4242 CY199 4313 CY200 4324 CY197 4231 CY198 4214 CY202 4412 CY203 4423 CY204 4434 CY205 1122 CY206 1133 CY207 1144 CY207 1243 CY207 1243 CY209 1232 CY210 1243 CY211 1314 CY212 1331	CY213 1342 CY214 1413 CY215 1424 CY216 1441 CY217 2112 CY218 2134 CY220 2211 CY221 4443 CY222 2233 CY223 2244 CY224 2321 CY225 2332 CY226 2343 CY227 2414 CY228 2414 CY228 2431 CY229 2442 CY230 3113 CY231 3124 CY231 3124 CY232 3141 CY233 3212 CY234 3224 CY234 3224 CY235 3321 CY237 3323 CY238 4133 CY237 3323 CY238 4144 CY240 4221 CY241 4232 CY242 4243 CY242 4243 CY244 4331 CY244 4331 CY244 4331 CY244 4331 CY247 4424 CY248 4441 CY249 2114 CY250 3214	CY263 1442 CY264 2113 CY265 2124 CY266 2141 CY267 2212 CY268 2223 CY269 2234 CY270 2311 CY271 2322 CY272 2333 CY273 2442 CY274 2421 CY275 2432 CY276 2443 CY277 3114 CY278 3131 CY277 3114 CY278 3131 CY278 3131 CY278 3422 CY280 3213 CY281 3231 CY281 3231 CY282 3424 CY288 3413 CY287 3424 CY288 3413 CY288 3411 CY289 4112 CY288 3413 CY289 4112 CY290 4123 CY291 4123 CY291 4134 CY292 4211 CY293 4222 CY294 4233 CY295 4244 CY296 4321 CY297 4332 CY297 4332 CY298 4341 CY299 4414 CY300 4421 CY297 4332 CY298 4341 CY297 4332 CY298 4341 CY297 4332 CY298 4112 CY297 4332 CY298 4114 CY300 4421 CY301 4442 CY302 1113 CY303 1124 CY304 1121 CY307 1234 CY308 1311 CY308 1311 CY309 1322 CY308 1311 CY309 1323 CY301 1324 CY308 1311 CY309 1323 CY301 1323 CY301 1324 CY308 1311 CY309 1322 CY311 1344 CY301 1443 CY312 1443 CY312 1443 CY313 1443 CY315 2114

CY316 2131	32 13 14 11 12 3 4
CY318 2213	13 14 11 12 3 14
CY319 2224 CY350 4421 CY381 3222 CY412 1423 CY443 4214 CY474 2414	14 12 3 14
CY320 2241 CY351 4432 CY202 2222 CY412 1424 C7474 2414	11 12 3 14
	2 3 4
CY321 2312 CY352 1114 CY383 3244 CY414 2111 CY445 4242 CY475 243	3 4 1
CY322 2323	4
CY323 2334	1
CY326 - 2477 - 2144 CY448 4341 CY479 3141	2
CY326 2422 CY357 1241 CY389 3421 CY418 2221 CY449 4412 CY480 3212	2
CY327 - 2444 CY359 1313 CY399 3443 CY499 2242 C1430 - 4423 C1481 - 3224	
CV328 - 3121 CV350 1323 CV300 4114 CV401 2214 C1431 - 4434 C1482 - 3241]
CY320 - 3132 CY340 1334 CY301 4131 CY423 2001 CY322 1122 C1483 - 3312	2
CY330 3143 CY361 1411 CY392 4142 CY423 2342 CY454 1144 CY485 - 3341	კ 1
CY331 3214	2
C1332 3232 C1303 1433 C1394 4224 C1425 2424 CY456 1232 CY487 3423	3
C1333 3243 C1364 1444 C1395 4241 C1426 2441 C1457 1243 C1488 3434	4
CV325 3331 CV364 3133 CV307 4333 CV400 3103 CV400 1104 C1469 4111	
CV224 2242 CV247 2142 CV200 4224 CV400 0124 CT457 1331 CT490 - 4122	
CV260 2214 CV260 2214 CV200 4411 CV200 CV491 - 4133	
CY338 3431 CY369 2231 CY400 4422 CY431 3223 CY462 1424 CY403 4221	
CY339 3442 CY370 2242 CY401 4433 CY432 3234 CY463 1441 CY464 4232	
CY340 4113 CY371 2313 CY402 1121 CY433 3311 CY464 2112 CY465 4243	
CY341 4124 CY372 2324 CY403 1132 CY434 3322 CY465 2123 CY496 4314	4
CY342 4141	
CV244 4222 CV275 2422 CV404 1221 CV490 # 4342	
CV245 4224 CV27/ 2424 CV407 1040	
CY345 4234	ŧ

STANDARD KEY CODE - No. 210-220 KEY BLANKS

210 Key 250 Changes 220 Key 250 Changes

210 LOW					
Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.
D001 1112 D002 1113 D003 1121 D004 1122 D005 1123 D006 1131 D007 1132 D008 1133 D009 1211 D010 1212 D011 1213 D012 1221 D013 1222 D014 1223 D015 1231 D016 1232 D017 1233 D018 1311 D019 1312 D020 1313 D021 1321 D020 1313 D021 1321 D022 1322 D023 1322 D024 1331 D025 1332 D024 1331 D025 1332 D026 2111 D027 2112 D028 2113 D029 2121 D030 2122 D031 2123	D046 2243 D047 2244 D048 2311 D049 2312 D050 2313 D051 2321 D052 2322 D053 2324 D055 2324 D055 2331 D056 2332 D057 2333 D058 2342 D059 2342 D060 2343 D061 2344 D062 2423 D063 2424 D064 2432 D065 2433 D066 2434 D067 2442 D068 2443 D069 2444 D070 3111 D071 3112 D072 3113 D073 3121 D074 3122 D075 3123 D076 3131	D091 3243 D092 3244 D093 3311 D094 3312 D095 33313 D096 3322 D098 3322 D098 3324 D100 3331 D101 3332 D102 3334 D103 3342 D104 3343 D105 3422 D106 3422 D107 3423 D108 3424 D109 3221 D110 3432 D111 3433 D112 3434 D113 3444 D116 4222 D117 4223 D118 4224 D119 4232 D120 4233 D121 4234	D136 4424 D137 4432 D138 4433 D139 4434 D140 4442 210 HIGH Key No. Comb. D141 1114 D142 1124 D143 1134 D144 1141 D145 1142 D146 1143 D147 1144 D148 1214 D149 1224 D150 1234 D151 1241 D152 1242 D153 1242 D153 1243 D154 1244 D155 1314 D156 1324 D157 1333 D158 1334 D159 1341 D160 1342 D161 1343 D162 1344 D163 1411 D164 1412	D179 2114 D180 2124 D181 2134 D182 2141 D183 2142 D184 2143 D185 2144 D186 2214 D187 2241 D188 2314 D190 2411 D191 2412 D192 2413 D193 2414 D194 2421 D195 2422 D196 2431 D197 2441 D199 3124 D200 3134 D200 3134 D200 3141 D202 3141 D203 3241 D204 3241 D205 3314 D206 3341 D207 3411 D208 3412 D209 3413	D224 4133 D225 4134 D226 4141 D227 4142 D228 4143 D229 4144 D230 4211 D231 4212 D232 4213 D233 4214 D234 4221 D235 4231 D236 4241 D237 4311 D238 4312 D239 4313 D240 4314 D241 4321 D242 4331 D242 4331 D243 4411 D245 4412 D246 4413 D247 4414 D248 4411 D248 4411 D248 4411 D249 4431 D249 4431 D249 4441 D249 4441 D249 4441 D249 4441 D249 4441
D032 2131	D077 3132	D122 4242	D165 1413	D210 3414	D251 1112
D033 2132	D078 3133	D123 4243	D166 1414	D211 3421	D252 1113
D034 2133	D079 3143	D124 4244	D167 1421	D212 3431	D253 1121
D035 2211	D080 3211	D125 4322	D169 1422	D213 3441	D254 1122
D036 2212	D081 3212	D126 4323	D169 1423	D214 4111	D255 1123
D037 2213	D082 3213	D127 4324	D170 1424	D215 4112	D256 1131
D037 2221	D083 3222	D128 4332	D171 1431	D216 4113	D257 1132
D038 2223	D084 3223	D129 4333	D172 1432	D217 4114	D258 1133
D040 2224	D085 3224	D130 4334	D173 1433	D218 4121	D259 1211
D041 2231	D086 3231	D131 4342	D174 1434	D219 4122	D260 1212
D042 2232	D087 3232	D132 4343	D175 1441	D220 4123	D261 1213
D043 2233	D088 3233	D133 4344	D176 1442	D221 4124	D262 1221
D044 2234	D089 3234	D134 4422	D177 1443	D222 4131	D263 1222
D045 2242	D090 3242	D135 4423	D178 1444	D223 4132	D264 1223
				Conti	nued following page



Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.
D265 1231	D305 2331	D345 3313	D385 4423	D421 1431	D461 3414
D266 1232	D306 2332	D346 3321	D386 4424	D422 1432	D462 3421
D267 1233	D307 2333	D347 3322	D387 4432	D423 1433	D463 3431
D268 1311	D308 2334	D348 3323	D388 4433	D424 1434	D464 3441
D269 1312	D309 2342	D349 3324	D389 4434	D425 1441	D465 4111
D270 1313	D310 2343	D350 '3331	D390 4442	D426 1442	D466 4112
D271 1321	D311 2344	D351 3332		D427 1443	D467 4113
D272 1322	D312 2423	D352 3334	220 HIGH	D428 1444	D468 4114
D273 1323	D313 2424	D353 3342	Key No. Comb.	D429 2114	D469 4121
D274 1331	D314 2432	D354 3343		D430 2124	D470 4122
D275 1332	D315 2433	D355 3344	D391 1114	D431 2134	D471 4123
D276 2111	D316 2434	D356 3422	D392 1124	D432 2141	D472 4124
D277 2112	D317 2442	D357 3423	D393 1134	D433 2142	D473 4131
D278 2113	D318 2443	D358 3424	D394 1141	D434 2143	D474 4132
D279 2121	D319 2444	D359 3221	D395 1142	D435 2144	D475 4133
D280 2122	D320 3111	D360 3432	D396 1143	D436 2214	D476 4134
D281 2123	D321 3112	D361 3433	D397 1144	D437 2241	D477 4141
D282 2131	D322 3113	D362 3434	D398 1214	D438 2314	D478 4142
D283 2132	D323 3121	D363 3442	D399 1224	D439 2341 D440 2411	D479 4143
D284 2133	D324 3122	D364 3443	D400 1234 D401 1241		D480 4144 D481 4211
D285 2211	D325 3123	D365 3444 D366 4222	D401 1241 D402 1242	D441 2412 D442 2413	D481 4211 D482 4212
D286 2212	D326 3131 D327 3132	D366 4222 D367 4223	D402 1242 D403 1243	D442 2413 D443 2414	D482 4212 D483 4213
D287 2213		D368 4224	D403 1243 D404 1244	D444 2421	D484 4214
D288 2221	D328 3133 D329 3143	D369 4232	D404 1244 D405 1314	D445 2422	D485 4221
D289 2223	D330 3211	D370 4233	D406 1324	D446 2431	D486 4231
D290 2224	D331 3211	D371 4234	D407 1333	D447 2441	D487 4241
D291 2231	D332 3213	D372 4242	D408 1334	D448 3114	D488 4311
D292 2232	D333 3222	D373 4243	D409 1341	D449 3124	D489 4312
D293 2233 D294 2234	D334 3223	D374 4244	D410 1342	D450 3134	D490 4313
D294 2234 D295 2242	D335 3224	D375 4322	D411 1343	D451 3141	D491 4314
D295 2242 D296 2243	D336 3231	D376 4323	D412 1344	D452 3142	D492 4321
D296 2243 D297 2244	D337 3232	D377 4324	D413 1411	D453 3144	D493 4331
D298 2311	D338 3233	D378 4332	D414 1412	D454 3214	D494 4341
D299 2312	D339 3234	D379 4333	D415 1413	D455 3241	D495 4411
D300 2313	D340 3242	D380 4334	D416 1414	D456 3314	D496 4412
D301 2321	D341 3243	D381 4342	D417 1421	D457 3341	D497 4413
D302 2322	D342 3244	D382 4343	D418 1422	D458 3411	D498 4414
D303 2323	D343 3311	D383 4344	D419 1423	D459 3412	D499 4421
D304 2324	D344 3312	D384 4422	D420 1424	D460 3413	D500 4431
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STANDARD KEY CODE - No. 210- 220 KEY BLANKS

Section 1 210 & 220 low cuts
Section 2 210 & 220 high cuts
H200 to H703 - 282 low cut changes -- 504 total

210 LOW Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.
H200 1333	H251 4243	H302 4222	H349 3131	H400 3244	H451 1131
H201 2122	H252 4332	H303 4234	H350 3224	H401 3322	H452 1232
H202 2212	H253 4344	H304 4323	H351 3242	H402 1211	H453 1321
H203 2224	H254 4433	H305 4342	H352 3343	H403 1223	H454 1333
H204 2313 H205 2331	H255 3221 H256 1113	H306 4424	H353 3424	H404 1312 H405 1331	H455 2122
H206 2343	H257 1131	H307 4443 H308 2213	H354 3444 H355 4233	H406 2113	H456 2212 H457 2224
H207 2433	H258 1232	H309 2311	H356 4322	H407 2132	H458 2313
H208 3111	H259 1321	H310 2323	H357 4334	H408 2233	H459 2331
H209 3223	H260 2231	H311 2334	H358 4423	H409 3211	H460 2343
H210 3234	H261 2243	H312 2424	H359 4442	H410 3434	H461 2433
H211 3312 H212 3324	H262 2321 H263 2332	H313 2443	H360 1133	H411 4223 H412 4242	H462 3111
H213 3342	H264 2344	H314 3121 H315 3133	H361 1213 H362 1222	H413 4324	H463 3223 H464 3234
H214 3432	H265 2434	H316 3213	H363 1311	H414 4343	H465 3312
H215 3443	H266 3112	H317 3232	H364 1323	H415 2221	H466 3324
H216 4232	H267 3131	H318 3244	H365 2112	H416 4432	H467 3342
H217 4244	H268 3224	H319 3322	H366 2131	H417 3331	H468 3432
H218 4333	H269 3242	H320 1211	H367 2232	H418 3313	H469 3443
H219 4422 H220 4434	H270 3343 H271 3424	H321 1223 H322 1312	H368 2244 H369 2322	H419 1122	H470 4232 H471 4244
H221 1121	H272 3444	H323 1312	H370 2322	H420 2242 H421 3222	H472 4333
H222 1132	H273 4233	H324 2113	H371 2423	H422 2211	H473 4422
H223 1212	H274 4322	H325 2132	H372 2442	H423 3344	H474 4434
H224 1221	H275 4334	H326 2233	H373 3113	H424 1112	H475 1121
H225 1233	H276 4423	H327 3211	H374 3123	H425 1123	H476 1132
H226 1322 H227 2111	H277 4442 H278 1133	H328 3434 H329 4223	H375 3132 H376 3212	H426 1231	H477 1212 H478 1221
H228 2123	H279 1213	H330 4242	H377 3231	H427 1313 H428 1332	H479 1233
H229 2422	H280 1222	H331 4324	H378 3243	H429 2121	H480 1322
H230 1112	H281 1311	H332 4343	H379 3321	H430 2133	H481 2111
H231 1123	H282 1323	H333 2221	H380 3323	H431 2223	H482 2123
H232 1231 H233 1313	H283 2112 H284 2131	H334 4432	H381 3332	H432 2234	H483 2422
H234 1332	H284 2131 H285 2232	H335 3331 H336 3313	H382 3422 H383 3433	H433 ~ 2312	
H235 2121	H286 2244	H337 1122	H384 4222	H434 2324 H435 2342	210 HIGH
H236 2133	H287 2322	H338 2242	H385 4234	H436 2432	Key No. Comb.
H237 2223	H288 2333	H339 3222	H386 4323	H437 2444	•
H238 2234	H289 2423	H340 2211	H387 4342	H438 3122	H484 1412
H239 2312	H290 2442	H341 3344	H388 4424 H389 4443	H439 3233	H485 1423
H240 2324 H241 2342	H291 3113 H292 3123	220 LOW	H390 2213	H440 3311	H486 1442 H487 1434
H242 2432	H293 3132	Key No. Comb.	H391 2311	H441 3334 H442 3423	H488 2114
H243 2444	H294 3212	•	H392 2323	H443 3442	H489 2143
H244 3122	H295 3231	H342 2231	H393 2334	H444 4224	H490 2341
H245 3233	H296 3243	H343 2243	H394 2424	H445 4243	H491 3124
H246 3311 H247 3334	H297 3321 H298 3323	H344 2321 H345 2332	H395 2443 H396 3121	H446 4332	H492 3141
H248 3423	H299 3332	H346 2344	H397 3133	H447 4344 H448 4433	H493 3414 H494 4112
H249 3442	H300 3422	H347 2434	H398 3213	H449 3221	H495 4112
H250 4224	H301 3433	H348 3112	H399 3232	H450 1113	H496 4134

Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Camb.	Key No. Comb.
H497 4211 H498 4231 H499 4313 H500 4411 H501 4431 H502 3241 H503 3214 H504 1234 H505 1314 H506 1342 H507 1413 H508 1424 H510 2124 H511 2141 H512 2144 H513 2214 H514 2411 H515 2431 H516 3142 H517 1214 H518 1134 H519 3341 H520 4113 H520 4113 H521 4124 H522 4141 H523 4311 H524 1334 H525 4331	H533 1343 H534 1414 H535 1421 H536 1432 H537 2134 H538 2241 H539 2412 H540 2441 H541 3144 H542 3314 H543 3421 H544 4131 H545 4114 H546 4131 H547 4142 H548 4213 H559 4131 H550 4413 H551 4241 H552 1142 H553 1431 H555 4121 H555 4121 H556 4132 H557 4143 H558 4321 H559 1344 H560 1443 H560 1443 H560 1443	Key No. Comb. H569 1411 H570 1422 H571 1433 H572 1444 H573 2142 H574 2314 H575 2421 H576 3114 H577 3143 H578 3134 H579 3411 H580 3413 H581 3431 H582 4111 H583 4122 H584 4133 H585 4144 H586 4214 H587 4312 H588 4341 H589 4421 H590 1124 H591 1144 H592 1242 H593 1341	Key No. Comb. H599 3341 H600 4113 H601 4124 H602 4141 H603 4311 H604 1334 H605 4331 H606 4412 H607 4414 H608 4421 H610 1141 H611 1224 H612 1244 H613 1343 H614 1414 H615 1421 H616 1432 H617 2134 H618 2241 H619 2412 H620 2441 H621 3144 H622 3314 H623 3421 H623 3421 H624 3441 H625 4114 H626 4131 H627 4142 H627 4142 H628 4213	Key No. Comb. H635 4121 H636 4132 H637 4143 H638 4321 H639 1344 H640 1443 H641 1243 H642 3412 H643 4212 H644 2414 H645 1114 H646 1143 H647 1241 H650 1422 H651 1433 H652 1444 H653 2142 H654 2314 H655 2421 H656 3114 H657 3143 H659 3143 H659 3411 H660 3413 H661 3431 H662 4111 H663 4122 H664 4133	Key No. Comb. H671
H526 4412 H527 4414 H528 4441 H529 4221 H530 1141 H531 1224 H532 1244	H562 3412 H563 4212 H564 2414 H565 1114 H566 1143 H567 1241 H568 1324	H594 2411 H595 2431 H596 3142 H597 1214 H598 1134	H629 4314 H630 4413 H631 4241 H632 1142 H633 1431 H634 2413	H665 4144 H666 4214 H667 4312 H668 4341 H669 4421 H670 1124	H700 2124 H701 2141 H702 2144 H703 2214

STANDARD KEY CODE - No. 210-220 KEY BLANKS

Section 1 210 low & high cuts
Section 2 220 low & high cuts
J200 to J703 -- 282 low cut changes -- 504 total

210 LOW Key No. Comb.	Key No. Comb.				
J200 3113	J 207 3323	J214 4342	J 221 2424	J 228 3322	J 235 2233
J201 3123	J 208 3332	J215 4424	J 222 2443	J 229 1211	J 236 3211
J202 3132	J 209 3422	J216 4443	J 223 3121	J 230 1223	J 237 3434
J203 3212	J 210 3433	J217 2213	J 224 3133	J 231 1312	J 238 4223
J204 3231	J 211 4222	J218 2311	J 225 3213	J 232 1331	J 239 4242
J205 3243	J 212 4234	J219 2323	J 226 3232	J 233 2113	J 240 4324
J206 3321	J 213 4323	J220 2334	J 227 3244	J 234 2132	J 241 4343

| Key No. Comb. |
|---------------|---------------|---------------|---------------|---------------|--------------------|
| 220 HIGH | J610 4411 | J629 3341 | J648 2241 | J667 4143 | J686 3114 |
| Key No. Comb. | J611 4431 | J630 4113 | J649 2412 | J668 4321 | J 687 31 43 |
| - | J612 3241 | J631 4124 | J650 2441 | J669 1344 | J688 31 34 |
| J594 1412 | J613 3214 | J632 4141 | J651 3144 | J670 1443 | J689 341] |
| J 595 1423 | J614 1234 | J633 4311 | J652 3314 | J671 1243 | J690 34 13 |
| J 596 1442 | J615 1314 | J 634 1334 | J653 3421 | J672 3412 | J691 34 31 |
| J 597 1434 | J616 1342 | J 635 4331 | J654 3441 | J673 4212 | J692 4111 |
| J 598 2114 | J617 1413 | J636 4412 | J655 4114 | J674 2414 | J 693 4122 |
| J 599 2143 | | J637 4414 | J656 4131 | J675 1114 | J694 4133 |
| J600 2341 | J618 1424 | | | J676 1143 | J695 4144 |
| 7.7.1.1 | J619 1441 | J638 4441 | J657 4142 | J677 1241 | J696 4214 |
| J601 3414 | J620 2124 | J639 4221 | J658 4213 | | J697 4312 |
| J602 3124 | J621 2141 | J640 1141 | J659 4314 | J678 1324 | |
| J603 3141 | J622 2144 | J641 1224 | J660 4413 | J679 1411 | J698 4341 |
| J604 4112 | J623 2214 | J642 1244 | J661 4241 | J680 1422 | J699 4421 |
| J605 4123 | J624 2411 | J643 1343 | J 662 1142 | J681 1433 | J700 1124 |
| J606 4134 | J625 2431 | J644 1414 | J 663 1431 | J682 1444 | J701 1144 |
| J607 4211 | J 626 3142 | J645 1421 | J 664 2413 | J683 2142 | J702 1242 |
| J608 423T | J627 1214 | J646 1432 | J665 4121 | J684 2314 | J703 1341 |
| 1609 4313 | J 628 1134 | J647 2134 | J 666 4132 | J685 2421 | |

STANDARD KEY CODE No. 260 KEY BLANKS

SINGLE BITTED KEYS

659 Changes -- Low and High Cuts Single Bitted Keys

200 Changes - Low & High Cuts					
Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.
A3000 13143	A3034 14232	A3068 31342	A3101 31131	A3134 44243	A3167 14213
A3001 14241	A3035 31314	A3069 33131	A3102 31324	A3135 13142	A3168 24143
A3002 31132	A3036 34242	A3070 41213	A3103 34243	A3136 14231	A3169 31141
A3003 - 31323	A3037 41231	A3071 41443	A3104 41241	A3137 31343	A3170 33132
A3004 33121	A3038 41424	A3072 42141	A3105 41434	A3138 33141	A3171 41221
A3005 34214	A3039 42113	A3073 44132	A3106 42132	A3139 41232	A3172 41414
A3006 41212	A3040 42343	A3074 24243	A3107 42323	A3140 41423	A3173 42112
A3007 41442	A3041 44141	A3075 - 31241	A3108 44121	A3141 42121	A3174 42342
A3008 42131	A3042 14142	A3076 31434	A3109 14143	A3142 42314	A3175 44131
A3009 42324	A3043 23131	A3077 - 34132	A3110 23141	A3143 23132	A3176 24214
A3010 24242	A3044 31213	A3078 41321	A3111 - 31232	A3144 31414	A3177 31442 A3178 34131
A3011 31231	A3045 31443	A3079 - 42214	A3112 31423	A3145 41142	A3178 34131 A3179 41313
A3012 31424	A3046 34141	A3080 42412	A3113 34121	A3146 41331	A3179 41313 A3180 42243
A3013 - 41143	A3047 41332	A3081 43142	A3114 41312	A3147 42413 A3148 43143	A3181 42441
A3014 41341	A3048 42421	A3082 44231	A3115 - 42242	A3146 43143 A3149 44241	A3182 43134
A3015 42432	A3049 43114	A3083 13121	A3116 42431	A3150 13131	A3183 44232
A3016 43123	A3050 13132	A3084 14214	A3117 43124	A3151 31143	A3184 - 14243
A3017 13141	A3051 24121	A3085 31142	A3118 44213	A3152 31341	A3185 24141
A3018 24132	A3052 31312	A3086 31331	A3119 14242	A3153 - 34232	A3186 31332
A3019 31321	A3053 33142	A3087 34213	A3120 24131	A3154 - 41421	A3187 34221
A3020 34212	A3054 - 34231	A3088 41243	A3121 - 31313	A3155 42114	A3188 41214
A3021 41242	A3055 41413 A3056 42143	A3089 41441	A3122 33143	A3156 - 42312	A3189 41412
A3022 41431	A3057 42341	A3090 42134	A3123 34241	A3157 44142	A3190 42142
A3025 42124 A3024 42313	A3058 14131	A3091 42332	A3124 41432	A3158 14132	A3191 - 42331
A3025 44143	A3059 24213	A3092 23143	A3125 42123 A3126 42321	A3159 31214	A3192 14121
A3026 23142	A3060 31243	A3093 24241	A3127 14141	A3160 - 31412	A3193 24212
A3027 24231	A3061 31441	A3094 31432 A3095 41121	A3128 24232	A3161 34142	A3194 31242
A3028 31413	A3062 41132	A3096 41314	A3129 31421	A3162 - 41131	A3195 31431
A3029 34143	A3063 41323	A3097 42442	A3130 41342	A3163 41324	A3196 41343
A3030 41141	A3064 42414	A3098 43131	A3131 42231	A3164 42213	A3197 42241
A3031 42423	A3065 43112	A3099 14212	A3132 42424	A3165 - 42443	A3198 42434
A3032 45121	A3066 44242	A3100 24142	A3133 43113	A3166 43141	A3199 - 43132
A3033 - 44214	A3067 - 14221	A3100 24142	M3133 43113		

STANDARD KEY CODE No. 260 KEY BLANKS

SINGLE BITTED KEYS
659 Changes -- Low and High Cuts

| Key No. Comb. |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| P100 11313 | P155 44311 | P210 32131 | P265 11131 | P320 32412 | P375 23122 |
| P101 12424 | P156 11422
P157 12331 | P211 33242
P212 34112 | P266 12242 | P321 33114 | P376 24231 |
| P102 13131
P103 14242 | P158 13442 | P213 34314 | P267 13112
P268 13314 | P322 34223
P323 41234 | P377 31242
P378 31444 |
| P104 21414 | P159 14144 | P214 41121 | P269 14221 | P324 41441 | P379 32314 |
| P105 24141 | P160 14312 | P215 41323 | P270 14423 | P325 42143 | P380 33423 |
| P106 31111 | P161 23134 | P216 42232 | P271 22141 | P326 42311 | P381 34132 |
| P107 31313 | P162 23341 | P217 42434 | P272 23413 | P327 43422 | P382 41141 |
| P108 32424 | P163 24243 | P218 43141 | P273 24122 | P328 44124 | P383 41343 |
| P109 33131
P110 34242 | P164 24411 | P219 44211
P220 44413 | P274 31131 | P329 44331 | P384 42211 |
| P111 41212 | P165 31213
P166 31422 | P220 44413
P221 11331 | P275 31333
P276 32242 | P330 11442
P331 12312 | P385 42413 |
| P112 41414 | P167 32331 | P222 12442 | P277 33112 | P332 13421 | P386 43122
P387 44231 |
| P113 42121 | P168 33442 | P223 13144 | P278 33314 | P333 14123 | P388 11312 |
| P114 42323 | P169 34144 | P224 13312 | P279 34221 | P334 21341 | P389 12421 |
| P115 44141 | P170 34312 | P225 14214 | P280 34423 | P335 23113 | P390 13123 |
| P116 11413 | P171 41114 | P226 14421 | P281 41232 | P336 24224 | P391 14234 |
| P117 13231 | P172 41321 | P227 22341 | P282 41434 | P337 24431 | P392 14441 |
| P118 14142
P119 21314 | P173 42223
P174 42432 | P228 23411
P229 24113 | P283 42141 | P338 31233
P339 31442 | P393 21411 |
| P120 22423 | P175 43134 | P230 31124 | P284 42343
P285 43413 | P340 32312 | P394 23431
P395 24133 |
| P121 23132 | P176 43341 | P231 31331 | P286 44122 | P341 33421 | P396 24342 |
| P122 24241 | P177 44243 | P232 32442 | P287 11231 | P342 34123 | P397 31144 |
| P123 - 31211 | P178 44411 | P233 33144 | P288 12142 | P343 41134 | P398 31312 |
| P124 31413 | P179 12231 | P234 33312 | P289 13414 | P344 41341 | P399 32421 |
| P125 33231
P126 34142 | P 180 13142 | P235 34214 | P290 14121 | P345 42243 | P400 33123 |
| P127 41112 | P181 14212
P182 14414 | P236 34421
P237 41223 | P291 22241 | P346 42411
P347 43113 | P401 34234
P402 34441 |
| P128 41314 | P183 21423 | P238 41432 | P292 23111
P293 23313 | P348 44224 | P402 34441
P403 41243 |
| P129 42221 | P184 23241 | P239 42134 | P294 24222 | P349 44431 | P404 41411 |
| P130 42423 | P185 24111 | P240 42341 | P295 24424 | P350 11142 | P405 42113 |
| P131 43132 | P186 24313 | P241 43411 | P296 31231 | P351 12414 | P406 42322 |
| P132 44241 | P187 31122 | P242 44113 | P297 31433 | P352 13121 | P407 43431 |
| P133 12431
P134 13133 | P188 31324
P189 32231 | P243 11431 | P298 32142 | P353 14232 | P408 44133 |
| P135 13342 | P190 33142 | P244 12342
P245 13412 | P299 33414
P300 34121 | P354 21241
P355 22313 | P409 44342
P410 11412 |
| P136 14244 | P191 34212 | P246 14114 | P301 41132 | P356 23424 | P411 14134 |
| P137 14412 | P192 34414 | P247 22441 | P302 41334 | P357 24131 | P412 14341 |
| P138 21421 | P 193 41221 | P248 23143 | P303 42241 | P358 31142 | P413 21311 |
| P139 23441 | P194 41423 | P249 23311 | P304 42443 | P359 31344 | P414 22422 |
| P140 24143
P141 24311 | P195 42132
P196 42334 | P250 24213 | P305 43111 | P360 34214 | P415 23124 |
| P142 31113 | P 197 43241 | P251 24422
P252 31224 | P306 43313 | P361 33121
P362 34232 | P416 23331
P417 24233 |
| P143 31322 | P198 44111 | P253 31431 | P307 44222
P308 44424 | P363 41241 | P418 24442 |
| P144 32431 | P199 44313 | P254 32342 | P309 11342 | P364 41443 | P419 31244 |
| P145 33133 | P200 11424 | P255 33412 | P310 12412 | P365 42111 | P420 31412 |
| P146 33342 | P201 12131 | P256 34114 | P311 13114 | P366 42313 | P421 34134 |
| P147 34244 | P202 13242 | P257 41123 | P312 14223 | P367 43424 | P422 34341 |
| P148 34412
P149 41214 | P203 14112
P204 14314 | P258 41332 | P313 21441 | P368 44131
P369 11242 | P423 41143
P424 41311 |
| P150 41421 | P205 23141 | P259 42234
P260 42441 | P314 22311
P315 23422 | P370 12314 | P425 42213 |
| P151 42123 | P206 24211 | P261 43143 | P316 24124 | P371 13423 | P426 42422 |
| P152 42332 | P207 24413 | P262 43311 | P317 24331 | P372 14132 | P427 43124 |
| P153 43441 | P208 31222 | P263 44213 | P318 31133 | P373 21141 | P428 43331 |
| P154 44143 | P209 31424 | P264 44422 | P319 31342 | P374 22413 | P429 44233 |

| Key No. Comb. |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---|
| P430 44442 | P485 44312 | P540 34313 | 2595 14222 | P650 34431 | P705 31241 |
| P431 11314 | P486 11421 | P541 41122 | P596 14424 | P651 41233 | P706 31443 |
| P432 12423 | P487 13441 | P542 41324 | P597 21231 | P652 41442 | P707 32313 |
| P433 13132 | P488 14143 | P543 42231 | P598 22142 | P653 42144 | P708 33424 |
| P434 14241 | P489 14311 | P544 42433 | P599 23414 | P654 42312 | P709 34131 |
| P435 21413 | P490 22431 | P545 43142 | P600 24121 | P655 43421 | P710 41142 |
| P436 23231 | P491 23133 | P546 44212 | P601 31132 | P656 44123 | P711 41344 |
| P437 24142 | P492 23342 | P547 44414 | P602 31334 | P657 11441 | P712 42212 |
| P438 31112 | P493 24244 | P548 12241 | P603 32241 | P658 12311 | P713 42414 |
| P439 31314 | P494 24412 | P549 13143 | P604 33111 | P549 13422 | P714 43121 |
| P440 32423 | P495 31214
P496 31421 | P550 13311
P551 14213 | P605 33313 | P660 14124 | P715 44232 |
| P441 33132 | P497 33441 | P552 14422 | P606 34222
P607 34424 | P661 14331 | P716 11311 |
| P442 34241
P443 41211 | P498 34143 | P553 21431 | P607 34424
P608 41231 | P662 21342
P663 22412 | P717 12422 |
| P444 41413 | P499 34311 | P554 22342 | P609 41433 | P664 23114 | P718 13124
P719 13331 |
| P445 42122 | P500 41113 | P555 23412 | P610 42142 | P665 24223 | P720 14233 |
| P446 42324 | P501 41322 | P556 24114 | P611 42344 | P666 31234 | P721 14442 |
| P447 43231 | P502 42224 | P557 31123 | P612 43414 | P667 31441 | P722 21412 |
| P448 44142 | P503 42431 | P558 31332 | P613 44121 | P668 32311 | P723 24134 |
| P449 11414 | P504 43133 | P559 32441 | P614 12141 | P669 33422 | P724 24341 |
| P450 14141 | P505 43342 | P560 33143 | P615 13413 | P670 34124 | P725 31143 |
| P451 21313 | P506 44244 | P561 33311 | P616 14122 | P671 34331 | P726 31311 |
| P452 22424 | P507 44412 | P562 34213 | P617 21131 | P672 41133 | P727 32422 |
| P453 23131 | P508 13141 | P563 34422 | P618 22242 | P673 41342 | P728 33124 |
| P454 24242 | P509 14211 | P564 41224 | P619 23112 | P674 42244 | P729 33331 |
| P455 31212 | P510 14413 | P565 41431 | P620 23314 | P675 42412 | P730 34233 |
| P456 31414 | P511 21424 | P566 42133 | P621 24221 | P676 43114 | PZ31 34442 |
| P457 34141 | P512 22131 | P567 42342 | P622 24423 | P677 44223 | P732 41244 |
| P458 41111 | P513 23242
P514 24112 | P568 43412 | P623 31232 | P678 11141 | P733 41412 |
| P459 41313 | P515 24314 | P569 44114
P570 12341 | P624 31434 | P679 12413 | P734 42114 |
| P460 42222 | P516 31121 | P571 13411 | P625 32141 | P680 13122 | P735 42321 |
| P461 42424
P462 43131 | P517 31323 | P572 14113 | P626 33413
P627 34122 | P681 14231
P682 21242 | P736 44134
P737 44341 |
| P463 44242 | P518 33141 | P573 21331 | P628 41131 | P683 22314 | P738 11411 |
| P464 13134 | P519 34211 | P574 22442 | P629 41333 | P684 23423 | P739 13431 |
| P465 13341 | P520 34413 | P575 23144 | P630 42242 | P685 24132 | P740 14133 |
| P466 14243 | P521 41222 | P576 23312 | P631 42444 | P686 31141 | P741 14342 |
| P467 14411 | P522 41424 | P577 24214 | P632 43112 | P687 31343 | P742 21312 |
| P468 21422 | P523 42131 | P578 24421 | P633 43313 | P688 32413 | P743 22421 |
| P469 22331 | P524 42333 | P579 31223 | P634 44221 | P689 33122 | P744 23123 |
| P470 23442 | P525 43242 | P580 31432 | P635 44423 | P690 34231 | P745 24234 |
| P471 24144 | P526 44112 | P581 32341 | P636 11341 | P691 41242 | P746 24441 |
| P472 24312 | P527 44314 | P582 33411 | P637 12411 | P692 41444 | P747 31243 |
| P473 31114 | P528 11423 | P583 34113 | P638 13113 | P693 42112 | P748 31411 |
| P474 31321 | P529 13241 | P584 41124 | P639 14224 | P694 42314 | P749 33431 |
| P475 33134 | P530 14111 | P585 41331 | P640 14431 | P695 43423 | P750 34133 |
| P476 33341 | P531 14313 | P586 42233 | P641 21442 | P696 44132 | P751 34342 |
| P477 34243 | P532 22231
P533 23142 | P587 42442 | P642 22312 | P697 11241 | P752 41144 |
| P478 34411
P479 41213 | P534 24212 | P588 43144
P589 43312 | P643 23421 | P698 12313 | P753 41312 |
| P480 41422 | P535 24414 | P590 44214 | P644 24123
P645 31134 | P699 13424
P700 14131 | P754 42214
P755 42421 |
| P481 42124 | P536 31221 | P591 44421 | P646 31341 | P700 14131
P701 21142 | P756 43123 |
| P482 42331 | P537 31423 | P592 12241 | P647 32411 | P702 22414 | P757 44234 |
| P483 43442 | P538 33241 | P593 13111 | P648 33113 | P703 23121 | P758 44441 |
| P484 44144 | P539 34111 | P594 13313 | P649 34224 | P704 24232 | . , , , , , , , , , , , , , , , , , , , |

STANDARD KEY CODE-No. 265 Key Blanks

	Kan Na Cal	K N C .		K N 6 1	V N C I
Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.
A3200 13143	A3234 14232	A3268 31342	A3301 31131	A3334 44243	A3367 14213
A3201 14241	A3235 31314	A3269 33131	A3302 31324	A3335 13142	A3368 24143
A3202 31132	A3236 34242	A3270 41213	A3303 34243	A3336 14231	A3369 31141
A3203 31323	A3237 41231	A3271 41443	A3304 41241	A3337 31343	A3370 33132
A3204 33121	A3238 41424	A3272 42141	A3305 41434	A3338 33141	A3371 41221
A3205 34214	A3239 42113	A3273 44132	A3306 42132	A3339 41232	A3372 41414
A3206 41212	A3240 42343	A3274 24243	A3307 42123	A3340 41423	A3373 42112
A3207 41442	A3241 44141	A3275 31241	A3308 44121	A3341 42121	A3374 42342
A3208 42131	A3242 14142	A3276 31434	A3309 14143	A3342 42314	A3375 44131
A3209 42324	A3243 23131	A3277 34132	A3310 23141	A3343 23132	A3376 24214
A3210 24242	A3244 31213	A3278 41321	A3311 31232	A3344 31414	A3377 31442
A3211 31231	A3245 31443	A3279 42214	A3312 31423	A3345 41142	A3378 34131
A3212 31424	A3246 34141	A3280 42412	A3313 - 34121	A3346 41331	A3379 41313
A3213 41143	A3247 41332	A3281 43142	A3314 41312	A3347 42413	A3380 42243
A3214 41341	A3248 42421	A3282 44231	A3315 42242	A3348 43143	A3381 42441
A3215 42432	A3249 43114	A3283 13121	A3316 42431	A3349 44241	A3382 43134
A3216 43123	A3250 13132	A3284 14214	A3317 43124	A3350 13131	A3383 44232
A3217 13141	A3251 24121	A3285 31142	A3318 44213	A3351 31143	A3384 14243
A3218 24132	A3252 31312	A3286 31331	A3319 14242	A3352 31341	A3385 24141
A3219 31321	A3253 33142	A3287 34213	A3320 24131	A3353 34232	A3386 31332
A3220 34212	A3254 34231	A3288 41243	A3321 - 31313	A3354 41421	A3387 34221
A3221 41242	A3255 41413	A3289 41441	A3322 33143	A3355 42114	A3388 41214
A3222 41431	A3256 42143	A3290 42134	A3323 34241	A3356 42312	A3389 41412
A3223 42124	A3257 42341	A3291 42332	A3324 41432	A3357 44142	A3390 42142
A3224 42313	A3258 14131	A3292 23143	A3325 42123	A3358 14132	A3391 42331
A3225 44143	A3259 24213	A3293 24241	A3326 42321	A3359 - 31214	A3392 14121
A3226 23142	A3260 31243	A3294 31432	A3327 14141	A3360 31412	A3393 24212
A3227 24231	A3261 31441	A3295 41121	A3328 24232	A3361 34142	A3394 31242
A3228 31413	A3262 41132	A3296 41314	A3329 31421	A3362 41131	A3395 31431
A3229 34143	A3263 41323	A3297 42442	A3330 41342	A3363 41324	A3396 41343
A3230 41141	A3264 42414	A3298 43131	A3331 42231	A3364 42213	A3397 42241
A3231 42423	A3265 43112	A3299 14212	A3332 42424	A3365 42443	A3398 42434
A3232 43121	A3266 44242	A3300 24142	A3333 43113	A3366 43141	A3399 43132
A3233 44214	A3267 14221				

STANDARD KEY CODE-No. 270 Key Blanks

Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.
A3400 13143	A3434 14232	A3468 31342	A3501 31131	A3534 44243	A3567 14213
A3400 13143 A3401 14241	A3435 31314	A3469 33131	A3502 31324	A3535 13142	A3568 24143
A3402 31132	A3436 34242	A3470 41213	A3503 34243	A3536 14231	A3569 31141
A3403 31323	A3437 41231	A3471 41443	A3504 41241	A3537 31343	A3570 33132
A3404 33121	A3438 41424	A3472 42141	A3505 41434	A3538 33141	A3571 41221
A3405 34214	A3439 42113	A3473 44132	A3506 42132	A3539 41232	A3572 41414
A3406 41212	A3440 42343	A3474 24243	A3507 42323	A3540 41423	A3573 42112
A3407 41442	A3441 44141	A3475 31241	A3508 44121	A3541 42121	A3574 42342
A3408 42131	A3442 14142	A3476 31434	A3509 14143	A3542 42314	A3575 44131
A3409 42324	A3443 23131	A3477 34132	A3510 23141	A3543 23132	A3576 24214
A3410 24242	A3444 31213	A3478 41321	A3511 31232	A3544 31414	A3577 31442
A3411 31231	A3445 31443	A3479 42214	A3512 31423	A3545 41142	A3578 34131
A3412 31424	A3446 34141	A3480 42412	A3513 34121	A3546 41331	A3579 41313
A3413 41143	A3447 41332	A3481 43142	A3514 41312	A3547 42413	A3580 42243
A3414 41341	A3448 42421	A3482 44231	A3515 42242	A3548 43143	A3581 42441
A3415 42432	A3449 43114	A3483 13121	A3516 42431	A3549 44241	A3582 43134
A3416 43123	A3450 13132	A3484 14214	A3517 43124	A3550 13131	A3583 44232
A3417 13141	A3451 24121	A3485 31142	A3518 44213	A3551 31143	A3584 14243
A3418 24132	A3452 31312	A3486 31331	A3519 14242	A3552 31341	A3585 24141
A3419 31321	A3453 33142	A3487 34213	A3520 24131	A3553 34232	A3586 31332
A3420 34212	A3454 34231	A3488 41243	A3521 31313	A3554 41421	A3587 34221
A3421 41242	A3455 41413	A3489 41441	A3522 33143	A3555 42114	A3588 41214
A3422 41431	A3456 42143	A3490 42134	A3523 34241	A3556 42312	A3589 41412
A3423 42124	A3457 42341	A3491 42332	A3524 41432	A3557 44142	A3590 42142
A3424 42313	A3458 14131	A3492 23143	A3525 42123	A3558 14132	A3591 42331
A3425 44143	A3459 24213	A3493 24241	A3526 42321	A3559 31214	A3592 14121
A3426 23142	A3460 31243	A3494 31432	A3527 14141	A3560 31412	A3593 24212
A3427 24231	A3461 31441	A3495 41121	A3528 24232	A3561 34142	A3594 31242
A3428 31413	A3462 41132	A3496 41314	A3529 31421	A3562 41131	A3595 31431
A3429 34143	A3463 41323	A3497 42442	A3530 41342	A3563 41324	A3596 41343
A3430 41141	A3464 42414	A3498 43131	A3531 42231	A3564 42213	A3597 42241
A3431 42423	A3465 43112	A3499 14212	A3532 42424	A3565 42443	A3598 42434
A3432 43121	A3466 44242	A3500 24142	A3533 43113	A3566 43141	A3599 43132
A3433 44214	A3467 14221				

STANDARD KEY CODE-No. 275 Key Blanks

Kau N. Camb	Van Na Camb	Kan Na Camb	Kan Na Camb	Kan Na Camb	Van Na Camb
Key No. Comb.					
A3600 13143	A3634 14232	A3668 31342	A3701 31131	A3734 44243	A3767 14213
A3601 14241	A3635 31314	A3669 33131	A3702 31324	A3735 13142	A3768 24143
A3602 31132	A3636 34242	A3670 41213	A3703 34243	A3736 14231	A3769 31141
A3603 31323	A3637 41231	A3671 41443	A3704 41241	A3737 31343	A3770 33132
A3604 33121	A3638 41424	A3672 42141	A3705 41434	A3738 33141	A3771 41221
A3605 34214	A3639 42113	A3673 44132	A3706 42132	A3739 41232	A3772 41414
A3605 41212	A3640 42343	A3674 24243	A3707 42323	A3740 31323	A3773 42112
A3607 41442	A3641 44141	A3675 31241	A3708 44121	A3741 42121	A3774 42342
A3608 42131	A3642 14142	A3676 31434	A3709 14143	A3742 42314	A3775 44131
A3609 42324	A3643 23131	A3677 34132	A3710 23141	A3743 23132	A3776 24214
A3610 24242	A3644 31213	A3678 41321	A3711 31232	A3744 31414	A3777 31442
A3611 31231	A3645 31443	A3679 42214	A3712 31423	A3745 41142	A3778 34131
A3612 31424	A3646 34141	A3680 42412	A3713 34121	A3746 41331	A3779 41313
A3613 41143	A3647 41332	A3681 43142	A3714 41312	A3747 42413	A3780 42243
A3614 41341	A3648 42421	A3682 44231	A3715 - 42242	A3748 43143	A3781 42441
A3615 42432	A3649 43114	A3683 13121	A3716 42431	A3749 44241	A3782 43134
A3616 43123	A3650 13132	A3684 14214	A3717 43124	A3750 13131	A3783 44232
A3617 13141	A3651 24121	A3685 31142	A3718 44213	A3751 31143	A3784 14243
A3618 24132	A3652 31312	A3686 31331	A3719 14242	A3752 31341	A3785 24141
A3619 31321	A3653 33142	A3687 34213	A3720 24131	A3753 34232	A3786 31332
A 3620 34212	A3654 34231	A3688 41243	A3721 31313	A3754 41421	A3787 34221
A3621 41242	A3655 41413	A3689 41441	A3722 33143	A3755 42114	A3788 41214
A3622 41431	A3656 42143	A3690 42134	A3723 34241	A3756 42312	A3789 41412
A3623 42124	A3657 42341	A3691 42332	A3724 41432	A3757 44142	A3790 42142
A3624 42313	A3658 14131	A3692 23143	A3725 42123	A3758 14132	A3791 42331
A3625 44143	A3659 24213	A3693 24241	A3726 42321	A3759 31214	A3792 14121
A3626 23142	A3660 31243	A3694 31432	A3727 14141	A3760 31412	A3793 24212
A3627 24231	A3661 31441	A3695 41121	A3728 24232	A3761 34142	A2794 31242
A 3628 31413	A3662 41132	A3696 41314	A3729 31421	A3762 41131	A3795 31431
A 3629 34143	A3663 41323	A3697 42442	A3730 41342	A3763 41324	A3796 41343 A3797 42241
A 3630 41141	A3664 42414	A3698 43131	A3731 42231	A3764 42213	
A 3631 42423	A3665 43112	A3699 14212	A3732 42424	A3765 42443	A3798 42434
A 3652 43121	A3666 44242	A3700 24142	A3733 43113	A3766 43141	A3799 43132
A 3633 44214	A3667 14221				

STANDARD KEY CODE - No. 310 KEY BLANKS

252 Changes -- Low & High Cuts

Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.
3200 1112 3201 1113 3202 1114 3203 1121 3204 1122 3205 1123 3206 1124 3207 1131 3208 1132 3209 1133 3210 1134 3211 1141 3212 1142 3213 1144 3215 1211 3216 1212 3217 1213 3218 1211 3216 1212 3217 1213 3218 1214 3219 1221 3220 1222 3221 1223 3222 1224 3223 1224 3223 1231 3224 1232 3225 1233 3226 1234 3227 1241 3228 1242 3229 1243 3230 1244 3231 1311 3232 1311 3232 1311 3232 1311 3232 1311 3232 1311 3233 1311 3234 1311	3242 1334 3243 1341 3244 1342 3245 1343 3246 1344 3247 1411 3248 1412 3249 1413 3250 1414 3251 1421 3252 1422 3253 1423 3254 1424 3255 1431 3256 1432 3257 1433 3258 1441 3260 1442 3261 1443 3262 1444 3263 2112 3264 2112 3265 2113 3266 2114 3267 2121 3268 2122 3269 2123 3270 2124 3271 2131 3272 2132 3273 2132 3273 2131 3274 2141 3276 2142 3277 2143	3285 2223 3286 2224 3287 2231 3288 2232 3289 2233 3290 2234 3291 2241 3292 2242 3293 2243 3294 2244 3295 2311 3296 2312 3297 2313 3298 2314 3299 2321 3300 2322 3301 2323 3302 2324 3303 2324 3303 2331 3304 2322 3301 2323 3305 2331 3304 2324 3309 2341 3308 2341 3308 2341 3309 2341 3309 2341 3310 2341 3311 2411 3312 2412 3313 2412 3313 2412 3314 2414 3315 2421 3316 2422 3317 2423 3318 2424 3319 2431 3320 2432	3327 3111 3328 3112 3329 3113 3330 3114 3331 3121 3332 3122 3333 3124 3335 3131 3336 3132 3337 3133 3338 3134 3340 3142 3341 3143 3342 3144 3343 3212 3345 3213 3346 3214 3347 3222 3348 3223 3349 3224 3350 3231 3351 3222 3348 3224 3350 3231 3351 3232 3352 3233 3353 3234 3354 3241 3355 3242 3356 3243 3357 3244 3358 3241 3359 3311 3359 3312 3360 3311 3359 3312 3360 3313 3361 3314 3362 3321	3369 3341 3370 3342 3371 3343 3372 3341 3373 3411 3374 3412 3375 3413 3376 3414 3377 3421 3378 3422 3379 3423 3380 3424 3381 3432 3381 3433 3382 3432 3383 3434 3385 3441 3386 3442 3387 3443 3388 3444 3389 4111 3390 4112 3391 4113 3392 4114 3393 4122 3395 4124 3397 4131 3398 4124 3397 4131 3398 4124 3397 4131 3398 4124 3397 4131 3398 4124 3397 4131 3398 4124 3397 4131 3398 4132 3399 4133 3390 4134 3401 4141 3402 4142 3403 4143 3404 4144	3411 4223 3412 4224 3413 4231 3414 4232 3415 4233 3416 4234 3417 4241 3418 4242 3419 4244 3421 4311 3422 4312 3423 4314 3425 4321 3426 4322 3427 4323 3428 4324 3429 4331 3430 4332 3431 4332 3431 4333 3432 /334 3433 4341 3434 4342 3435 4341 3436 4344 3437 4411 3438 4412 3439 4413 3440 4412 3441 4421 3442 4422 3443 4424 3445 4432
3231 1311 3232 1312 3233 1313 3234 1314	3273 2133 3274 2134 3275 2141 3276 2142	3316 2422 3317 2423 3318 2424 3319 2431	3358 3311 3359 3312 3360 3313 3361 3314	3400 4134 3401 4141 3402 4142 3403 4143	3442 4422 3443 4423 3444 4424 3445 4431

STANDARD MASTER CODE - No. 360 KEY BLANKS - SINGLEBIT

26 Changes

Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.
1T 24242 2T 24224 3T 22424 4T 22442	5T 24422 6T 22442 7T 24442 8T 24424	9T 22242 10T 22422 11T 24222 12T 42422	13T 42242 14T 42224 15T 44222 16T 44422	17T 44224 18T 42244 19T 42424 20T 42442 21T 44242	22T 42222 23T 44424 24T 44244 25T 42444 26T 44442

STANDARD KEY CODE- No. 360 PRIMARY KEY BLANKS

STANDARD KEY CODE- No. 360 PRIMARY KEY BLANKS

SINGLE BITTED KEY\$
659 Changes -- High and Low Cuts

Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.
T100 11313	T155 44311	T210 32131	T265 11131	T320 32412	T375 23122
T101 12424	T156 11422	T211 33242	T266 12242	T321 33114 T322 34223	T376 24231
T 102 13131 T 103 14242	T157 12331 T158 13442	T212 34112 T213 34314	T267 13112 T268 13314	T323 41234	T377 31242 T378 31444
T104 21414	T159 14144	T214 41121	T269 14221	T324 41441	T379 32314
T 105 24141	T160 14312	T215 41323	T270 - 14423	T325 42143	T380 33423
T106 - 31111	T161 23134	T216 42232	T271 22141	T326 42311	T381 34132
T107 31313	T162 23341	T217 42434	T272 23413	T327 43422	T382 41141
T 108 32424	T163 24243	T218 43141	T273 24122	T328 44124	T383 41343
T109 33131 T110 34242	T164 24411 T165 31213	T219 44211 T220 44413	T274 31131 T275 31333	T329 44331 T330 11442	T384 42211
T111 41212	T 166 31422	T221 11331	T276 31333	T331 12312	T385 42413 T386 43122
T112 41414	T167 32331	T222 12442	T277 33112	T332 13421	T387 44231
T113 42121	T168 33442	T223 13144	T278 33314	T333 14123	T388 11312
T114 42323	T169 34144	T224 13312	T279 34221	T334 21341	T389 12421
T115 44141	T 170 34312	T225 14214	T280 34423	T335 23113	T390 13123
T116 11413	T171 41114	T226 14421	T281 41232	T336 24224	T391 14234
T117 13231 T118 14142	T 172 41321 T 173 42223	T227 22341 T228 23411	T282 41434 T283 42141	T337 24431 T338 31233	T392 14441 T393 21411
T119 21314	T 174 42432	T229 24113	T284 42343	T339 31442	T394 23431
T120 22423	T175 43134	T230 31124	T285 43413	T340 32312	T395 24133
T121 23132	T 176 43341	T231 31331	T286 44122	T341 33421	T396 24342
T122 24241	T 177 44243	T232 32442	T287 - 11231	T342 34123	T397 31144
T123 31211	T 178 44411	T233 33144	T288 12142	T343 41134	T398 31312
T124 31413	T179 12231	T234 33312	T289 13414	T344 41341 T345 42243	T399 32421
T 125 33231 T 126 34142	T180 13142 T181 14212	T235 34214 T236 34421	T290 14121 T291 22241	T346 42411	T400 33123 T401 34234
T127 41112	T182 14414	T237 41223	T292 23111	T347 43113	T402 34441
T128 41314	T183 21423	T238 41432	T293 23313	T348 44224	T403 41243
T129 42221	T184 23241	T239 42134	T294 24222	T349 44431	T404 41411
T130 42423	T185 24111	T240 42341	T295 24424	T350 11142	T405 42113
T131 43132	T186 24313	T241 43411	T296 31231	T351 12414	T406 42322
T132 44241	T187 31122	T242 44113 T243 11431	T297 31433	T352 13121 T353 14232	T407 43431 T408 44133
T 133 12431 T 134 13133	T188 31324 T189 32231	T244 12342	T298 32142 T299 33414	T354 21241	T409 44342
T135 13342	T 190 33142	T245 13412	T300 34121	T355 22313	T410 11412
T136 14244	T191 34212	T246 14114	T301 41132	T356 23424	T411 14134
T137 14412	T192 34414	T247 22441	T302 41334	T357 24131	T412 14341
T138 21421	T193 41221	T248 23143	T303 42241	T358 31142	T413 21311
T139 23441	T194 41423	T249 23311	T304 42443 T305 43111	T359 31344	T414 22422 T415 23124
T140 24143 T141 24311	T 195 42132 T 196 42334	T250 24213 T251 24422	T306 43313	T360 34214 T361 33121	T416 23331
T142 31113	T197 43241	T252 31224	T307 44222	T362 34232	T417 24233
T143 31322	T198 44111	T253 31431	T308 44424	T363 41241	T418 24442
T144 32431	T199 44313	T254 32342	T309 11342	T364 41443	T419 31244
T 145 33133	T200 11424	T253 33412	T310 12412	T365 42111	T420 31412
T 146 33342	T201 12131	T256 34114	T311 13114	T366 42313	T421 34134
T147 34244 T148 34412	T202 13242 T203 14112	T257 41123 T258 41332	T312 14223 T313 21441	T367 43424 T368 44131	T422 34341 T423 41143
T149 41214	T204 14314	T259 42234	T314 22311	T369 11242	T424 41311
T 150 41421	T205 23141	T260 42441	T315 23422	T370 12314	T425 42213
T151 42123	T206 24211	T261 43143	T316 24124	T371 13423	T426 42422
T152 42332	T207 24413	T262 43311	T317 24331	T372 14132	T427 43124
T153 43441	T208 31222	T263 44213	T318 31133	T373 21141	T428 43331 T429 44233
T154 44143	T209 31424	T264 44422	T319 31342	T374 22413	1 447 - 44433

Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.
T430 44442 T431 11314 T432 12423 T433 13132 T434 14241 T435 21413 T436 23231 T437 24142 T438 31112 T439 31314 T440 32423 T441 33132 T442 34241 T443 41211 T444 41413	1502 42224 T503 42431 T504 43133 T505 43342 T506 44244 T507 44412 T508 13141 T509 14211 T510 14413 T511 21424 T512 22131 T513 23242 T514 24112 T515 24314 T516 31121	T544 42433 T545 43142 T546 44212 T547 44414 T548 12241 T549 13143 T550 13311 T551 14213 T552 14422 T553 21431 T554 22342 T555 23412 T556 24114 T557 31123 T558 31332	T601 31132 T602 31334 T603 32241 T604 33111 T605 33313 T606 34222 T607 34424 T608 41231 T609 41433 T610 42142 T611 42344 T612 43414 T613 44121 T614 12141	T658 12311 T659 13422 T660 14124 T661 14331 T662 21342 T663 22412 T664 23114 T665 24223 T666 31234 T667 31441 T668 32311 T669 33422 T670 34124 T671 34331 T672 41133	T715 44232 T716 11311 T717 12422 T718 13124 T719 13331 T720 14233 T721 14442 T722 21412 T723 24134 T724 24341 T725 31143 T726 31311 T727 32422 T728 33124 T729 33331
T445 42122 T446 42324 T447 43231 T448 44142 T449 11414 T450 14141 T451 21313 T452 22424 T453 23131 T454 24242 T455 31212 T456 31414 T457 34141 T458 41111	T517 31323 T518 33141 T519 34211 T520 34413 T521 41222 T522 41424 T523 42131 T524 42333 T525 43242 T526 44112 T527 44314 T528 11423 T529 13241 T530 14111	T559 32441 T560 33143 T561 33311 T562 34213 T563 34422 T564 41224 T565 41431 T566 42133 T567 42342 T568 43412 T569 44114 T570 12341 T571 13411	T616 14122 T617 21131 T618 22242 T619 23112 T620 23314 T621 24221 T622 24423 T623 31232 T624 31434 T625 32141 T626 33413 T627 34122 T628 41131 T629 41333	T673 41342 T674 42244 T675 42412 T676 43114 T677 44223 T678 11141 T679 12413 T680 13122 T681 14231 T682 21242 T683 22314 T684 23423 T685 24132 T686 31141	T730 34233 T731 34442 T732 41244 T733 41412 T734 42114 T735 42321 T736 44134 T737 44341 T738 11411 T739 13431 T740 14133 T741 14342 T742 21312 T743 22421
T459 41313 T460 42222 T461 42424 T462 43131 T463 44242 T464 13134 T465 13341 T466 14243 T467 14411 T468 21422 T469 22331 T470 23442 T471 24144 T472 24312	T531 14313 T532 22231 T533 23142 T534 24212 T535 24414 T536 31221 T537 31423 T538 33241 T539 34111 T485 44312 T486 11421 T487 13441 T488 14143	T573 21331 T574 22442 T575 23144 T576 23312 T577 24214 T578 24421 T579 31223 T580 31432 T581 32341 T582 33411 T583 34113 T584 41124 T585 41331	T630 42242 T631 42444 T632 43112 T633 43313 T634 44221 T635 44423 T636 11341 T637 12411 T638 13113 T639 14224 T640 14431 T641 21442 T642 22312	T687 31343 T688 32413 T689 33122 T690 34231 T691 41242 T692 41444 T693 42314 T695 43423 T696 44132 T697 11241 T698 12313 T699 13424	T744 23123 T745 24234 T746 24441 T747 31243 T748 31411 T749 33431 T750 34133 T751 34342 T752 41144 T753 41312 T754 42214 T755 42421 T756 43123
T472 24312 T473 31114 T474 31321 T475 33134 T476 33341 T477 34243 T478 34411 T479 41213 T480 41422 T481 42124 T482 42331 T483 43442 T484 44144 T500 41113 T501 41322	T489 14311 T490 22431 T491 23133 T492 23342 T493 24244 T494 24412 T495 31214 T496 31421 T497 33441 T498 34143 T499 34311 T540 34313 T541 41122 T542 41324 T543 42231	T586 42233 T587 42442 T588 43144 T589 43312 T590 44214 T591 44421 T592 12241 T593 13111 T594 13313 T595 14222 T596 14424 T597 21231 T598 22142 T599 23414 T600 24121	T643 23421 T644 24123 T645 31134 T646 31341 T647 32411 T648 33113 T649 34224 T650 34431 T651 41233 T652 41442 T653 42312 T653 42144 T654 42312 T655 41441	T700 14131 T701 21142 T702 22414 T703 23121 T704 24232 T705 31241 T706 31443 T707 32313 T708 33424 T709 34131 T710 41142 T711 41344 T712 42212 T713 42414 T714 43121	T757 44234 T758 44441 T759 14444 T760 21212 T761 43232 T762 43434 T763 22334 T764 33212 T765 11444 T766 11114 T767 32243 T768 11144 T769 33224 T770 34344 T771 13232

ART STEEL COMPANY, INC. SPECIAL KEY CODE - No. 110 KEY BLANKS

50 Changes - High Cuts

Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.
AS1 1314 AS2 1234 AS3 3214 AS4 3241 AS5 4431 AS6 4411 AS7 4313	AS9 4211 AS10 4134 AS11 4123 AS12 4112 AS13 3414 AS14 3141 AS15 3124	AS17 2143 AS18 2114 AS19 1434 AS20 1442 AS21 1423 AS22 1412 AS23 1341	AS25 1144 AS26 1124 AS27 4421 AS28 4341 AS29 4312 AS30 4214 AS31 4144	AS33 4122 AS34 4111 AS35 3431 AS36 3413 AS37 3411 AS38 3134 AS39 3143	AS41 2421 AS42 2314 AS43 2142 AS44 1444 AS45 1433 AS46 1422 AS47 1411
AS8 4231	AS16 2341	AS24 1242	AS32 4133	AS40 3114	AS48 1324 AS49 1241 AS50 1143

ART STEEL COMPANY, INC. SPECIAL KEY CODE - No. 110 KEY BLANKS

50 Changes - Low Cuts

Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.
351 2334 BS2 2323 BS3 2311 BS4 2213 BS5 4443 BS6 4424 BS7 4342 BS8 4323	BS9 4234 BS10 4222 BS11 3433 BS12 3422 BS13 3332 BS14 3323 BS15 3321 BS16 3243	BS17 3231 BS18 3212 BS19 3132 BS20 3123 BS21 3113 BS22 2442 BS23 2423 BS24 2333	BS25 2322 BS26 2244 BS27 2232 BS28 2131 BS29 2112 BS30 1323 BS31 1311 BS32 1222	BS33 1213 BS34 1133 BS35 4442 BS36 4423 BS37 4334 BS38 4322 BS39 4233 BS40 3444	BS41 3424 BS42 3343 BS43 3242 BS44 3224 BS45 3131 BS46 3112 BS47 2434 BS48 2344 BS49 2332 BS50 2321

CLARK CONTROLLER CO. SPECIAL KEY CODE-No. 165 Key Blanks

2 Changes - High & Low Cuts Key No. Comb. Key No. Comb.

674 -- 23212 501 -- 34132

CLARK CONTROLLER CO. SPECIAL KEY CODE-No. 360 MASTER KEY BLANKS

Key No. Comb. 1CC -- 33113

GLOBE WERNICKE SPECIAL KEY CODE No. 210 KEY BLANKS

FILE CABINET LOCK
142 Changes - Low Cuts

Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.
300A 1333	324A 2224	348A 2331	372A 2231	396A 3212	420A 1211
-		349A 2433	373A 2243	397A 3243	421A 1223
301A 2313	325A 3111				
302A 2343	326A 4244	350A 3223	374A 2321	398A 3321	422A 1312
303A 3234	327A 1231	351A 3312	375A 2332	399A 4334	423A 1331
304A 4232	328A 4333	352A 3 <i>3</i> 24	376A 2344	400A 3323	424A 2113
305A 1132	329A 4422	353A 3342	377A 3131	401A 3332	425A 2132
306A 1322	330A 4434	354A 3443	378A 3224	402A 3422	426A 2233
307A 2133	331A 1121	355A 2324	379A 3343	403A 3433	427A 3211
308A 3242	332A 1212	356A 2342	380A 3444	404A 4222	428A 3434
309A 3424	333A 1221	357A 2432	381A 4233	405A 4234	429A 4223
		358A 2444	382A 4322	406A 4342	430A 4242
310A 4323	334A 2111		383A 4423	407A 4424	431A 4324
311A 3213	335A 2123	359A 3233		408A 4443	
312A 2434	336A 2422	360A 3311	384A 4442		432A 4343
313A 1233	337A 3432	361A 3334	385A 1133	409A 2213	433A 2221
314A 1123	338A - 1112	362A 3423	386A 1222	410A 2311	434A 4432
315A 3122	339A 1313	363A 3442	387A 1311	411A 2323	435A 3331
316A 4243	340A 1332	364A 4224	388A 1323	412A 2334	436A 3313
317A 3221	341A 2121	365A 4332	389A 2112	413A 2424	437A 1122
318A 3112	342A 1213	366A 4344	390A 2232	414A 2443	438A 2242
319A 3123	343A 2131	367A 4433	391A 2244	415A 3121	439A 3222
	-	368A 1113	392A 2322	416A 3133	440A 2211
320A 3132	344A 2223		393A 2333	417A 3232	
321A 3231	345A 2234	369A 1131		418A 3244	441A 3344
322A 2122	346A 2312	370A 1232	394A 2442		
323A 2212	347A 2423	371A 1321	395A 3113	419A 3322	

HAMILTON MFG. CO.

SPECIAL KEY CODE - No. 110-310 KEY BLANKS

110 KEY	110 Key - 1	140 Changes	310 Key - 14	10 Changes		
110 KEY Key No. Comb. A001 1113 A002 1121 A003 1122 A004 1123 A005 1131 A006 1132 A007 1133 A008 1212 A009 1213 A010 1221 A011 1222	Key No. Comb. A022 1332 A023 2111 A024 2112 A025 2113 A026 2121 A027 2122 A028 2123 A029 2131 A030 2132 A031 2133 A032 2211	Key No. Comb. A043 2244 A044 2311 A045 2312 A046 2313 A047 2321 A048 2322 A049 2323 A050 2324 A051 2331 A052 2333 A053 2334	Key No. Comb. A064 2444 A065 3111 A066 3112 A067 3113 A068 3121 A069 3122 A070 3123 A071 3131 A072 3132 A073 3133 A074 2332	Key No. A085 A086 A087 A088 A089 A090 A091 A092 A093 A094 A095	Comb. 3234 3242 3243 3244 3311 3312 3313 3321 3322 3323 3332	Key No. Comb. A106 4222 A107 4223 A108 4232 A109 4234 A111 4242 A112 4243 A113 4244 A114 4322 A115 4324 A116 4332
A012 1223 A013 1231 A014 1232 A015 1311 A016 1312 A017 1313 A018 1321 A019 1322 A020 1323 A021 1331	A033 2212 A034 2213 A035 2221 A036 2224 A037 2231 A038 2232 A039 2233 A040 2234 A041 2242 A042 2243	A054 2342 A055 2343 A056 2344 A057 2423 A058 2424 A059 2432 A060 2433 A061 2434 A062 2442 A063 2443	A075 2422 A076 3211 A077 3212 A078 3213 A079 3222 A080 3223 A081 3224 A082 3231 A083 3232 A084 3233	A096 A097 A098 A100 A101 A102 A103 A104 A105	3342 3343 3344 3422 3424 3433 3434 3443	A117 4333 A118 4334 A119 4342 A120 4343 A121 4344 A122 4422 A123 4423 A124 4424 A125 4432

110 KEY			310 KEY		
Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.
310 KEY Key No. Comb. A126 1112 A127 1211 A128 1333 A129 2223 A130 2332 A131 2422 A132 3324 A133 3423 A134 3423 A135 3432 A136 3442 A137 4224 A138 4323 A139 4433 A140 4434 A141 1312 A142 1313 A143 1321 A144 1322 A145 1323 A146 1331 A147 1332 A148 2111 A149 2112 A150 2113	A151 2121 A152 2122 A153 2133 A154 2131 A155 2132 A156 2133 A157 2211 A158 2212 A159 2213 A160 2221 A161 2224 A162 2231 A163 2232 A164 2233 A165 2234 A166 2242 A167 2243 A168 2244 A169 2311 A170 2312 A171 2313 A172 2321 A173 2322 A174 2323 A175 2324 A176 2331 A177 2333 A178 2334	A179 2342 A180 2343 A181 2344 A182 2423 A183 2424 A184 2432 A185 2433 A186 2434 A187 2442 A188 2443 A189 2444 A190 3111 A191 3112 A192 3113 A193 3121 A194 3122 A195 3123 A196 3131 A197 3132 A198 3133 A199 3221 A200 3221 A200 3221 A201 3211 A202 3212 A203 3223 A204 3222 A205 3223 A206 3224	A207 3231 A208 3232 A209 3233 A210 3234 A211 3242 A212 3243 A213 3244 A214 3311 A215 3312 A216 3313 A217 3321 A218 3322 A219 3323 A220 3332 A220 3332 A221 3344 A222 3443 A224 3444 A225 3424 A227 3433 A228 3424 A229 3443 A229 3443 A230 3444 A231 4222 A232 4223 A233 4232 A234 4233	A235 4234 A236 4242 A237 4243 A238 4244 A239 4322 A240 4324 A241 4332 A242 4333 A243 4342 A245 4343 A246 4344 A247 4422 A248 4423 A249 4424 A250 4432 110 KEY Key No. Comb. A251 1112 A252 1211 A253 1333 A254 2223 A255 2332 A256 2422	A257 3324 A258 3331 A259 3423 A260 3432 A261 3442 A262 4224 A263 4323 A264 4433 A265 4434 A266 4443 A267 3221 A268 1112 A269 1211 A270 1233 A271 1333 A271 1333 A271 1333 A272 2223 A273 2332 A274 2422 A275 3331 A276 3423 A277 3432 A278 3442 A279 4323 A280 4433

HAMILTON MFG. CO. SPECIAL KEY CODE - No. 110-310 KEY BLANKS

110 Key - 140 Changes 310 Key - 140 Changes

		310 Key - 14	U Changes		
110 KEY					
Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.
C001 1113 C002 1121 C003 1122 C004 1123 C005 1131 C006 1132 C007 1133 C008 1212 C009 1213 C010 1221 C011 1222 C012 1223 C013 1231 C014 1232 C015 1311 C016 1312 C017 1313 C018 1321 C019 1322	C020 1323 C021 1331 C022 1332 C023 2111 C024 2112 C025 2113 C026 2121 C027 2122 C028 2123 C029 2131 C030 2132 C031 2133 C032 2211 C033 2212 C034 2213 C035 2221 C036 2224 C037 2231 C038 2232	C039 2233 C040 2234 C041 2242 C042 2243 C043 2244 C044 2311 C045 2312 C046 2313 C047 2321 C048 2322 C049 2323 C050 2324 C051 2331 C052 2331 C052 2334 C054 2342 C055 2343 C056 2344 C057 2423	C058 2424 C059 2432 C060 2433 C061 2434 C062 2442 C063 2444 C065 3111 C066 3112 C067 3113 C068 3121 C069 3122 C070 3123 C071 3131 C072 3132 C073 3133 C074 2332 C075 2422 C076 3211	C077 3212 C078 3213 C079 3222 C080 3223 C081 3224 C082 3231 C083 3232 C084 3233 C085 3234 C086 3242 C087 3243 C088 3244 C089 3311 C090 3312 C091 3313 C092 3321 C093 3322 C094 3323 C095 3332	C096 3334 C097 3342 C098 3343 C099 3422 C101 3424 C102 3433 C103 3444 C104 3443 C105 3444 C106 4222 C107 4223 C108 4232 C109 4233 C110 4234 C111 4242 C112 4243 C113 4244 C114 4322

Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.
C115 4324 C116 4332 C117 4333 C118 4344 C119 4343 C120 4344 C122 4422 C123 4423 C124 4424 C125 4432 C126 1112 C127 1211 C128 1333 C129 2223 C130 2332 C131 2422 C132 3324 C133 3331 C134 3423 C135 3422 C136 3442 C137 4224 C138 3423 C136 3442 C137 4224 C138 4323 C139 4433 C140 4434 310 KEY Key No. Comb. C141 1312	C142 1313 C143 1321 C144 1322 C145 1323 C146 1331 C147 1332 C148 2111 C149 2112 C150 2113 C151 2121 C152 2122 C153 2123 C154 2131 C155 2132 C156 2133 C157 2211 C158 2212 C159 2213 C160 2221 C161 2224 C162 2231 C163 2232 C164 2233 C165 2234 C166 2242 C167 2243 C168 2244 C169 2311 C170 2312 C171 2313	C172 2321 C173 2322 C174 2323 C175 2324 C176 2331 C177 2333 C178 2342 C180 2342 C180 2343 C181 2424 C182 2423 C183 2424 C184 2432 C185 2433 C186 2434 C187 2442 C188 2444 C190 3111 C191 3112 C192 3113 C193 3121 C194 3122 C195 3123 C196 3131 C197 3132 C198 3131 C197 3132 C198 3133 C199 3221 C200 3324 C201 3211	C202 3212 C203 3213 C204 3222 C205 3223 C206 3224 C207 3231 C208 3232 C209 3233 C210 3242 C211 3242 C212 3243 C213 3244 C214 3311 C215 3312 C216 3313 C217 3321 C218 3322 C219 3322 C219 3332 C220 3334 C222 3344 C222 3443 C224 3444 C225 3422 C226 3424 C227 3433 C228 3424 C229 3443 C229 3443 C229 3443 C220 3444 C221 3433 C228 3424 C227 3433 C228 3424 C229 3443 C229 3443 C230 3444 C231 4222	C232 4223 C233 4232 C234 4233 C235 4234 C236 4242 C237 4243 C238 4244 C239 4322 C240 4324 C241 4332 C242 4333 C243 4344 C244 4342 C245 4343 C246 4344 C247 4422 C248 4422 C248 4422 C248 4423 C250 4432 C251 1113 C252 1121 C253 1122 C254 1123 C255 1131 C256 1132 C257 1133 C258 1212 C259 1213 C258 1212 C259 1213 C260 1221 C261 1222	C262 1223 C263 1231 C264 1232 C265 1311 C266 4443 C267 3221 C268 1112 C269 1211 C270 1233 C271 1333 C272 2223 C273 2332 C274 2422 C275 3331 C276 3423 C277 3432 C278 3442 C279 4323 C280 4433

INTERNATIONAL REGISTER CO. SPECIAL KEY CODE - No. 110 KEY BLANKS

28 Changes - Low Cuts

Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.
1B 4433 2B 1113 3B 2343 4B 1132 5B 1211	6B 1112 7B 1123 8B 1332 9B 2121 10B 2133	11B 2223 12B 2234 13B 2324 14B 3233 15B 3334	16B 4344 17B 1232 18B 2122 19B 2212 203 2224	21B 3443 22B 4434 23B 1221 24B 1322	25B 2243 26B 1213 27B 1323 28B 2244

INTERNATIONAL REGISTER CO. SPECIAL KEY CODE - No. 110 KEY BLANKS

28 Changes - Low Cut

Key No. Comb.	Key No. Comb.	Key No. Comb	Key No. Comb.	Key No. Comb.	Key No. Comb.
1C 4344 2C 1112 3C 2324 4C 1213	5C 3443 6C 4434 7C 1221 8C 1322	9C 2243 10C 1323 11C 2244 12C 1123 13C 1332	14C 2121 15C 2133 16C 2223 17C 2234 18C 3233	19C 4433 20C 1113 21C 2343 22C 1132 23C 1211	24C 3334 25C 1232 26C 2122 27C 2212 28C 2224

MASTER MANUFACTURING CORPORATION SPECIAL KEY CODE - No. 210-220 KEY BLANKS

210 Key - 250 Changes 220 Key - 250 Changes

210 KEY			220	Key - 2!	50 Change	\$				
210 KEY			V M.	C .	W M.	C. 1	W M			
Key No. Co	mb. Key N	lo. Comb.	Key No.	Comb.	Key No.	Comb.	Key No.	Comb.	Key No.	Comb.
B001 1	112 B055	4414	B109	1213	B163	1341	B217	2112	B266	2141
B002 1	123 B056	4431	B110		B164		B218		B267	
B003 1	134 B057	4442	B111		3165		B219		B268	
B004 1:			B112		B 166				B269	
B005 1:			B113		B 167		B221		B270	
B006 1		1141	B114		B168			2233		2322
B007 1		1212	B115		B 169		B223		B272	
B008 13			B116		B170	2144	B224		B273	
B009 13			B117 B118		B171		B225	2332	B274	
B010 13 B011 14		1311 1322	B119		B172 B173		B226 B227		B275	
B012 14			B 120		B173		B227		B276	
B012 14			B121		B175		B229		B277	
B014 2		1421	B122		B176		B230		B278 B279	
B015 2			B123		B 177		B231		B280	
B016 2			B 124		B178		B232		B281	
B017 22		2131	B125		B179				B282	
B018 22			B126		B180		B234	3224	B283	
B019 22		2213	B127		B181				B284	
B020 23	311 B074	2224	B128		B182	3134		3312	B285	
B021 23	322 B075		B129		B183	3211	B237		B286	
B022 23		2312	B130		B184	3223	B238		B287	
B023 23	344 B077		B131		B185		B239			3441
B024 24			B132		B186		B240		B289	4112
B025 24			B133		B187			4232	B290	4122
B026 33			B 134		B188			4243	B290	
B027 34			B 135		B189		B243		B292	
B028 34		2444 3121	B 136 B 137		B190 B191			4331	B293	
B029 34 B030 41		3132	B138		B192		B245 B246	4342	B294	
B030 41		3143	B 139		B193		B247		B295	
B032 24			B140		B194		B247	4441	B296	
B033 31		3243	B141		B195		B249		B297	
B034 31			B142		B196		B250		B298	4343
B035 31		3331	B143	4114	B197	4231		0	B299	
B036 32	213 B090	3343	B144	4131	B198				B300	
B037 32			B145		B199		220 1	KEY	B301	
B038 32		3431	B146		B200		Key No.	Comb	B302	
B039 33		3442	B147		B201				B303	
		4113	B148		B202		B251		B304 B305	
B041 33		4124	B149		B203		B252		B306	
B042 34		4141 4212		4323	B204		B253		B307	
		4223	B151 B152		B205	1133	B254 B255	1211 1222	B308	
	141 B098 112 B099	4234	B153		B206 B207	1144	B256	1233	B309	
B046 41		4311	B154		B208	1221	B257	1244	B310	
B047 41		4322	B155		B209	1232	B258	1321	B311	
	B 102	4333	B156		B210	1243	B259	1332	B312	
B049 42		4344	B157		B211		B260	1343	B313	1432
		4421	B 158	2 2 4 6			B261	1414	B314	1443
B051 42		4432	B159		B213	1342	B262	1431	B315	
B052 43		1114	B160	1231	B214	1413	B263	1442	3316 -	
B053 43	32 B 107	1131	B161	1313	B215	1424	B264	2113	B317	
B054 43	143 B 108	1142	B 162	1324		1441	B265	2124	B318	2213

Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.
B319 2224	B349 4344	B379 3133	B409 1324	B439 3444	B470 2244
B320 2241	B350 4421	B380 3144	B410 1341	B440 4121	B471 2321
B321 2312	B351 4432	B381 3222	B411 1412	B441 4132	B472 2332
B322 2323	B352 1114	B382 3233	B412 1423	B442 4143	B473 2343
3323 2334	B353 1131	B383 3244	B413 1434	B443 4214	B474 2414
B324 2411	B354 1142	B384 3321	B414 2111	B444 4231	B475 2431
B325 2422	B355 1213	B385 3332	B415 2122	B445 4242	B476 2442
B326 2433	B356 1224	B386 3344	B416 2133	B446 4313	B477 3113
B327 2444	B357 1241	B387 3421	B417 2144	B447 4313	B478 3124
B328 3121	B358 1312	B388 3432	B418 2221	B448 4341	B479 3141
B329 3132	B359 1323	B389 3443	B419 2232	B449 4412	B480 3212
B330 - 3143	B360 1334	B390 4114	B420 2243	B450 4423	B481 3224
B331 3214	B361 1411	B391 4131	B421 2314	B451 4434	B482 3241
B332 3232	B362 1411	B392 4142	B422 2331	B452 1122	B483 3312
B333 3243	B363 1433	B393 4213	B422 2331 B423 2342	B452 1122 B453 1133	B484 3323
B334 3314	B364 1444	B394 4224	B423 2342 B424 2413	B454 1144	B485 3341
B335 3331		B395 4241	B424 2413 B425 2424	B455 1221	B486 3412
B336 3343	B365 2121		B426 2441		B 487 3412
	B366 2132	B396 4312	B420 2441 B427 3112	B456 1232	
B337 3414	B367 2143	B397 4323		B457 1243	B488 3434
B338 3431 B339 3442	B368 2214	B398 4334	B428 3123	B458 1314	B489 4111
B340 4113	B369 2231	B399 4411	B429 3134	B459 1331	B490 4122
	B370 2242	B400 4422	B430 3211	B460 1342	B491 4133
B341 4124	B371 2313	B401 4433	B431 3223	B461 1413	B492 4144
B342 4141	B372 2324	B402 1121	B432 3234	B462 1424	B493 4221
B343 4212	B373 2341	B403 1132	B433 3311	B463 1441	B494 4232
B344 4223	B374 2412	B404 1143	B434 3322	B464 2112	B495 4243
B345 4234	B375 2423	B405 1214	B435 3334	B465 2123	B496 4314
B346 4311	B376 2434	B406 1231	B436 3411	B466 2134	B497 4331
B347 4322	B377 3111	B407 1242	B437 3422	B467 2211	B498 4342
B348 4333	B378 3122	B408 1313	B438 3433	B468 2221	B499 4413
				B469 2233	B 500 4424

MEILINK - SPECIAL KEY CODE - No. 210 KEY BLANKS

24 Changes - Low Cuts MASTER KEY NO. FR

| Key No. Comb. |
|---------------|---------------|---------------|---------------|---------------|---------------|
| FR1 1122 | FR5 2212 | FR9 3224 | FR13 2133 | FR17 3243 | FR21 4223 |
| FR2 1212 | FR6 2234 | FR10 3312 | FR14 2213 | FR18 3321 | FR22 4232 |
| FR3 1322 | FR7 3112 | FR11 4334 | FR15 3211 | FR19 3344 | FR23 4322 |
| FR4 2113 | FR8 3121 | FR12 4344 | FR16 3234 | FR20 3424 | FR24 2112 |

MUTSCHLER BROS.

SPECIAL KEY CODE - No. 210 KEY BLANKS

60 Changes - High & Low Cuts

Key 1	No.	Comb.	Key	No.	Comb.	Key	No.	Comb.	Key I	No.	Comb.	Key No.	Comb.
12W		4311	12D		4421	125	-	4242	12L		1341	12WT	4423
13W		4113	13D		4223	135	••	2414	13L		2133	13WT	4232
14W	••	3422	14D		3134	148		3411	14L		4412	14WT	3141
15W		1442	15D	••	2441	158	••	2124	15L	••	4214	15WT	2443
16W	••	1244	16D		3242	168		1431	16L		3424	16WT	3321
17W		1212	17D		2112	178	••	3121	17L		2344	17WT	3244
18W		4414	18D		1414	185		1334	18L		4142	18WT	2114
19W		4221	19D		1124	198		4313	19L		1432	19WT	1322
20W		2434	20 D		2321	205	-	2142	20L		4121	20WT	4112
21W	••	2241	21D	••	1243	215	••	3433	21L	••	4332	21WT	2424
22W		1412	22D	••	4141	228	••	1221	22L		1224	22WT	1132
23W		3224	23D	••	1231	235		3114	23L	••	3211	23WT	4124

MUTSCHLER BROS.

SPECIAL KEY CODE - No. 210 MASTER KEY BLANKS

Key No. Comb. MM -- 1312

JOHN WOOD CO. SPECIAL KEY CODE - No. 110 KEY BLANKS

3 Changes - Low Cuts Only

 Key No. Comb.
 Key No. Comb.
 Key No. Comb.

 252L -- 4322
 501L -- 1133
 235L -- 1321

RAND UNIFORM COMPANY SPECIAL KEY CODE-No. 360 Key Blanks

100 Changes - High & Low Cuts

Key No. Comb. Key No. Comb. Key No. Comb.							Comb.
Key No.	Comb.	Key No.	Comp.	Key No.	Comb.	Key No.	Comb.
T00	14444	T25	11414	T50 ~	21413	T75	24232
T01	21212	T26	13232	T51	23121	T76	32313
T02	41414	T27	14141	T52	34311	T77	31412
T03	43232	T28 -	41111	T53	13242	T78	12313
T04	43434	T29	11114	T54	34113	T79 -	31214
T05	44141	T30	14411	T55	21314	T80	14233
T06 -	34344	T31	44144	T56	32331	T81 -	34131
T07	21421	T32	14111	T57	14313	T82	23133
T08	12124	T33	44414	T58	32133	T83	33242
T09	14144	T34	44114	T59	24221	T84	12331
T10	41114	T35	12443	T60	31442	T85	32112
T11 -	44411	T36	41231	T61	11242	T86	13122
T12	14414	T37	13211	T62	34313	T87	34331
T13	22334	T38	32243	T63	13224	T88	22442
T14	44111	T39	11441	T64	33424	T89	31131
T15	14114	T40	12143	T65	22312	T90	13443
T16	33212	T41	33422	T66	31333	T91	32311
T17	41441	T42	11141	T67	21142	T92	23113
T18	32414	T43	41444	T68	13424	T93	31424
T19	11444	T44	24134	T69	43123	T94	13422
T20	41141	T45	11411	T70	12333	T95	31242
T21	11144	T46	33224	T71	21331	T96	12311
T22	14441	T47	41144	T72	31244	T97	14331
T23	41411	T48	41312	T73	12112	T98	34233
T24	34443	T49	44441	T74	42224	T99	31222

SELECTIVEND CORP. SPECIAL KEY CODE - No. 310 KEY BLANKS

18 Changes - High & Low Cuts

| Key No. Comb. |
|---------------|---------------|---------------|---------------|---------------|---------------|
| 305PC 4224 | 107PC 1321 | 110PC 3211 | 305C 4224 | 107C 1321 | 110C 3211 |
| 306PC 2123 | 108PC 3424 | 111PC 2443 | 306C - 2123 | 108C 3424 | 111C 2443 |
| 307PC - 4342 | 109PC 2131 | 112PC 4141 | 307C 4342 | 109C 2131 | 112C 4141 |

SELECTIVEND CORP. SPECIAL KEY CODE - No. 310 KEY BLANKS

3 Changes - Low & High Cuts

Key No.	Comb.	Key No. Comb.	Key No.	Comb.
100SU	3412	101SU 2432	102SU	1312

STOW & DAVIS FURNITURE CO. SPECIAL KEY CODE - No. 110 KEY BLANKS

Low and High Cuts

Low Cut		Histo Coa			
Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	Key No. Comb.	High Cut Key No. Comb.
SD1 3344 SD2 2211 SD3 3222	SD-105 242 SD-106 421 SD-107 244	SD648 1243 SD649 3412 SD650 4212	Low Cut	Low Cut	Low & High Cut
SD4 2242	SD-108 443	SD700 2142	SD800 4434	SD850 1112	SD900 3422
SD5 1122		SD701 2314	SD801 1121	SD851 1123	SD901 3433
\$D6 3313	SD-109 124	SD702 2421	SD802 1132	SD852 1231	SD902 4222
\$D7 3331	SD-110 141	SD703 3114	SD803 1212	SD853 1313	SD903 4234
SD8 4432	SD600 2214	SD704 3143	SD804 1221	SD854 1332	SD904 4323
SD9 2221	SD601 2411	SD705 3134	SD805 1233	SD855 2121	
SD10 4343 SD11 4324	SD602 2431 SD603 3142	SD706 3411	SD806 1322	SD856 2133	SD905 4342 SD906 4424
SD12 4242	SD604 1214	SD707 3413 SD708 3431	SD807 2111 SD808 2123	SD857 2223 SD858 2234	\$D907 4443 \$D908 2213
SD13 4223	SD605 1134	SD709 4111	SD809 2422	SD859 2312	SD909 2311
SD14 3434	SD606 3341	SD710 4122	SD810 2231	SD860 2324	SD901 2323
SD15 3211	SD607 4113	SD711 4133	SD811 2243	SD861 2342	SD911 2334
SD16 2233	SD608 4124	SD712 4144	SD812 2321	SD862 2432	
SD17 2132	SD609 4141	SD713 4214	SD813 2332	SD863 2444	SD912 2424
SD18 2113	SD610 4311	SD714 4312	SD814 2344	SD864 3122	SD913 2443
SD19 1331 SD20 1312	SD611 1334	SD715 4341	SD815 2434	SD865 3233	SD914 3121 SD915 3133
SD21 1223	SD612 4331	SD716 4421	SD816 3112	SD866 3311	SD916 3213
	SD613 4412	SD717 1124	SD817 3131	SD867 3334	SD917 3232
SD22 1211	SD614 4414	SD718 1144	\$D818 3224	SD868 3423	SD918 3244
SD23 3322	SD615 4441	SD719 1242	\$D819 3242	SD869 3442	SD919 3322
SD24 3244	SD616 4221	SD720 1341	SD820 3343	SD870 4224	SD920 1211
SD25 3232	SD617 1141	SD721 1412	SD821 3424	SD871 4243	SD921 1223
SD26 3213	SD618 1224	SD722 1423	SD822 3444	SD872 4332	SD922 1312
SD27 3133	SD619 1244	SD723 1442	SD823 4233	SD873 4344	
SD28 3121	SD620 1343	SD724 1434	SD824 4322	SD874 4433	SD923 1331
SD29 2443	SD621 1414	SD725 2114	SD825 4334		SD924 2113
SD30 2424	SD622 1421	SD726 2143	SD826 4423	SD875 3221	SD925 2132
SD31 2334		SD727 2341	SD827 4442	SD876 1113	SD926 2233
SD32 2323	SD623 1432 SD624 2134 SD625 2231	SD728 3124	SD828 1133	SD877 1131 SD878 1232	SD927 3211 SD928 3434
SD33 2311	SD625 2241	SD729 3141	SD829 1213	SD879 1321	SD929 4223
SD34 2213	SD626 2412	SD730 3414	SD830 122?	SD880 1333	SD930 4242
SD35 4443	SD627 2441	SD731 4112	SD831 1311	SD881 2122	SD931 4324
SD36 4424	SD628 3144	SD732 4123	SD832 1323	SD882 2212	SD932 4343
SD37 4342	SD629 3314	SD733 4134	SD833 2112	SD883 2224	SD933 2221
SD38 4323	SD630 3421	SD734 4211	SD834 2131	SD884 2313	SD934 4432
SD39 4234	SD631 3441	SD735 4231	SD835 2232	SD885 2331	SD935 3331
SD40 4222	SD632 4114	SD736 4313	SD836 2244	SD886 2343	
SD41 3433 SD42 3422	SD633 4131 SD634 4142	SD737 4411 SD738 4431	SD837 2322	SD887 2433	SD936 3313 SD937 1122
SD43 3332	SD635 4213	SD739 3241	SD838 2333 SD839 2423	SD888 3111 SD889 3223	SD938 2242 SD939 3222
SD44 3323	SD636 4314	SD740 3214	SD840 2442	SD890 3234	SD940 2211
SD45 3321	SD637 4413	SD741 1234	SD841 3113	SD891 3312	SD941 3344
SD46 3243	SD638 4241	SD742 1314	SD842 3123	SD892 3324	SD942 1114
SD47 3231	SD639 1142	SD743 1342	SD843 3132	SD893 3342	SD943 1143
SD48 3212	SD640 1431	SD744 1413	SD844 3212	SD894 3432	SD944 1241
SD49 3132	SD641 2413	SD745 1424	SD845 3231	SD895 3443	SD945 1324
SD50 3123	SD642 4121 SD643 4132	SD746 1441 SD747 2124	SD846 3243 SD847 3321	SD896 4232 SD897 4244	SD946 1411
SD-101 213 SD-102 441	SD644 4143 SD645 4321	SD748 2141	SD848 3323	SD898 4333	SD947 1422 SD948 1433
SD-103 121 SD-104 414	SD646 1344 SD647 1443	SD749 2144	SD849 3332	SD899 4422	SD949 1444